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MONTANA HIGHWAY DEPARTMENT

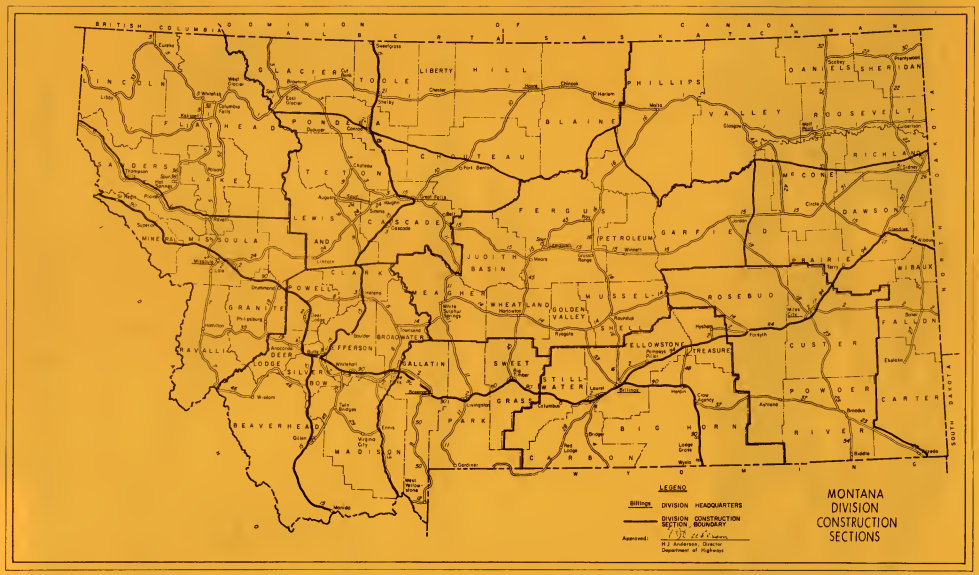
STATE DOCUMENTS
APR 7 77

FIELD ENGINEERING AND CONSTRUCTION

PROGRESS REPORT

ISSUED THE FIRST AND THIRD WEEK OF THE MONTH

APRIL 4, 1977



BRITISH COLUMBIA
DOMINION OF CANADA
ALBERTA
SASKATCHEWAN
WYOMING
SOUTH DAKOTA
NORTH DAKOTA
LINCOLN
FLATHEAD
GLACIER
TOOLE
LIBERTY
HILL
PHILLIPS
DANIELS
SHERIDAN
VALLEY
ROOSEVELT
BLAINE
PONDERA
CHOUTEAU
RICHLAND
SANDERS
LAKE
TETON
LEWIS AND CLARK
CASCADE
FERGUS
PETROLEUM
GARFIELD
McCONE
DAWSON
MINERAL
MISSOULA
JUDITH BASIN
PRAIRIE
WIBAUX
POWELL
MEAGHER
WHEATLAND
GOLDEN VALLEY
MUSSELSHELL
ROSEBUD
GRANITE
BROADWATER
JEFFERSON
GALLATIN
SWEET GRASS
STILLWATER
YELLOWSTONE
TREASURE
CUSTER
FALLON
RAVALLI
DEER LODGE
SILVER BOW
BEAVERHEAD
MADISON
PARK
CARBON
BIG HORN
POWDER RIVER
CARTER
LEGEND
Billings DIVISION HEADQUARTERS
DIVISION CONSTRUCTION SECTION BOUNDARY
Approved:
W J Anderson, Director
Department of Highways
MONTANA
DIVISION
CONSTRUCTION
SECTIONS

MONTANA DEPARTMENT OF HIGHWAYS
MISSOULA, MONTANA
APRIL 1, 1977

Montana Department of Highways
Helena, Montana

Progress Report
Area 1130

Gentlemen:

The following report is submitted covering construction and preconstruction operations in Area 1130 for the period ending April 1, 1977:

GENERAL

Skies have been cloudy, temperatures cool, and precipitation light the past month. Progress has been fair on the active projects.

PRECONSTRUCTION

I 90-1(12)10, Saltese - DeBorgia
Length - 10.8 Miles, Preliminary Engineering
Gary Eichert, Field Project Manager
St. Regis, Montana, Phone 649-2471
Two five men crews have completed running offset lines for line and grade controls on the westbound lane throughout the entire project. Profiling of existing plant mix base has been completed on the westbound lane also, which completes the profiling for the entire project. One five man survey crew is currently locating and profiling pipe locations for pipe design. Construction layout is 8% complete.

I 90-1(12), Drexel - East & West
Length - 5.8 Miles
Menasco-McGuinn Associates
Helena, Montana
There has been no word from the consultants.

I 90-1(13)39-43, Sloway - East & West
I 90-1(40)43-47, Superior - West
F 254(10), LaVista - Superior Primary
Henningson, Durham & Richardson
Helena, Montana, Consultants
Est. Completion Date - July 30, 1977
Plans for the alignment review between Sta. 975+ and Sta. 1130+ were submitted to the MDH on the Sloway - East & West project on February 25, 1977. Work is continuing on right-of-way summaries and miscellaneous details on Superior - West. Corrections are being made on the Superior structures as a result of the meeting with the MDH on February 10, 1977. Summaries are being revised and work is underway on miscellaneous details for the mainline change by the C.M.ST.P. & P. railroad bridge. The roadway portion of the contract is 97.0% complete, bridge section 99.9%, and the total contract as a unit is 97.0% complete.

I 90-1(77)22, Drexel - East & West
Length - 5.342 Miles, Construction Staking
L.D. Claridge, Field Project Manager
St. Regis, Montana, Phone 649-2471
Construction layout remains 28% complete. Personnel are currently working on other assignments.

I-IG-90-1(61)27, U-1, St. Regis - East & West
Structures at Ramp L-2 and Sta. 476+50± and Detours and Approaches
George Roat, Field Project Manager
Superior, Montana
Contract scheduled for letting March 31. 1977

RS 4(10), State Route 269, Stevensville — Allan Dutton, Field Project Manager
Length - 0.5± Mile, Preliminary Engineering — Missoula, Montana, Phone 549-6491
Work Started December 9, 1976 — Probable Completion Date - April 29, 1977
Four engineers worked 3 days taking topog on utilities and digging street intersection corners. Project is 75% complete.

F 90(8), Thompson Falls - East — Personnel Unassigned
Length - 10.0 Miles, Preliminary Engineering
Work will be started when personnel are available.

F 93-1( ), Lolo Pass - Lolo Overlay — H.J. Smith, Designer II
Length - 32.5 Miles, Preliminary Engineering — Missoula, Montana, Phone 549-6491
Work started March 14, 1977
Work currently being done on plan sheets and computing of quantities. Design is 40% complete.

F 197(8), Dixon - Ravalli — Personnel Unassigned
Length - 8.5± Miles, Preliminary Engineering
Work will be started when personnel are available.

RF 215(27), Florence - Lolo, Add 2 Lanes — H.J. Smith, Designer II
Length - 8.5 Miles — Missoula, Montana, Phone 549-6491
Halo and line shift for the southbound centerline were completed and work then suspended as of February 23, 1977. The design is 15% complete. Personnel are currently working on F 93-1( ), Lolo Pass - Lolo Overlay.

S 221(3), Thompson Falls - West — H.J. Smith, Designer II
Length - 4.3 Miles — Missoula, Montana, Phone 549-6491
All design data was forwarded to Helena on March 10, 1977. Design is 90% complete.

RF 223(6), Plains - Paradise — C.W. Hegman, Field Project Manager
Length - 6.9 Miles — Missoula, Montana, Phone 549-6491
Work has been suspended while personnel are on other assignments. The survey is 6% complete.

ROS 4144(52), Unit 5, East of Missoula — Personnel Unassigned
Bridge End Treatment
Contract scheduled for June, 1977 letting.

M 8107(1), Missoula Streets — Thomas L. Oertli, Field Project Manager
Length - 0.8 Mile — Missoula, Montana, Phone 549-6491
Survey started January 19, 1977 — Completed on March 2, 1977
Notes will be submitted to the Division office this week.

M 8114 - Missoula — Personnel Unassigned
Fifth and Sixth to Seventh Streets
Work will be started when personnel are available.

M 8199(3), Missoula Intersections — Thomas L. Oertli, Field Project Manager
Preliminary Engineering — Missoula, Montana, Phone 549-6491
Work started November 8, 1976 — Estimated Completion Date - Pending
Work has been suspended.

CONSTRUCTION

I 90-1(80)0, Lookout Pass - East — Northwest Construction, Inc.
Length - 10.732 Miles, AGS-PMS-G. Rail-Sign — Kirkland, Washington, Contractor
Contract awarded May 6, 1976 — C.R. Owen, Field Project Manager
Amount of Contract - $5,359,580.07 — Missoula, Montana, Phone 549-6491
Work started June 30, 1975 — Contract time - 200 working days
Work proceed date - May 28, 1975 — Probable Completion Date - May 1, 1977
The project as a whole is 99% complete with 78% of the contract time elapsed. Pit reclamation remains to be completed. A 2-man engineering crew is compiling final data for submittal to the Division office about May 1, 1977.

I 90-1(50)16, U-1 & I 90-1(52)11, U-1 — Washington Construction Company
Saltese - Haugan & DeBorgia - East & West — Missoula, Montana, Contractor
Length - 10.828 Miles, GR-AGG. SURF-PMB — Carl E. Smith, Field Project Manager
Contract let December 14, 1972 — Missoula, Montana, Phone 549-6491
Amount of Contract - $5,533,558.78 — Contract Time - 350 calendar days
Work started February 15, 1973 — Completed on August 12, 1976
Two engineers are compiling final data for submittal to the Division office about May 1, 1977.

I 90-1(77)22, U-1, Drexel - East & West — Hensel-PHelps Construction Company
Length - 455.0 Ft. & 638.0 Ft. Composite — Vancouver, Washington, Contractor
Steel & Girder Bridges over the St. Regis — Jack Silvey, Engr. Tech. 3
River Contract let July 2, 1975 — Superior, Montana, Phone 649-2471
Work started August 19, 1975 — Probable Completion Date - May 20, 1977
Amount of Contract - $2,282,935.00 — Contract time - 140 working days
Approximately 99% of the miscellaneous structural steel has been unloaded at the Missoula maintenance storage site. The project as a whole is 97% complete with all of the contract time elapsed. Two men have worked shifts of various lengths. Construction layout, with 2 engineers engaged, is 79% complete.

I 90-1(77)22, U-2, Drexel - East & West — Washington Construction Company
Length - 0.5 Mile, Grading & Detours — Missoula, Montana, Contractor
Contract let June 10, 1976 — L.D. CLaridge, Field Project Manager
Amount of contract - $1,453,180.88 — St. Regis, Montana, Phone 649-2471
Work started July 6, 1976 — Contract time - 120 working days
Work proceed date - July 6, 1976 — Completed - December 7, 1976
Final data will be submitted to the Division office about May 1, 1977.

I 90-1(77)22, U-3, Henderson Interchange — Sletten Construction Company
Length - 138.0 Ft. Prestressed Concrete — Great Falls, Montana, Contractor
Girder Overpass — William C. Maart, Field Project Manager
Contract let November 19, 1976 — Missoula, Montana, Phone 549-6491
Amount of contract - $292,648.99 — Contract time - 135 working days

Work not yet started
Work will be started when weather permits.

Probable completion date - Nov. 15, 1977

I 90-1(77)22, U-5, Drexel - East & West
Structures at Sta. 241+61 & 251+80 & Grading
Contract let Febraury 24, 1977
Amount of Contract - $1,102,551.98
Work not yet started
Contractor plans to start work on the detour the first part of April. A three man survey crew is engaged in re-establishing center line and staking on detour.

McIntyre Construction Co. & S. Birch, Inc.
Great Falls, Montana, Contractor
William C. Maart, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract time - 200 working days

I 90-1(59)35, U-1, St. Regis - East
Length - 3.6 Miles, GR-AGG. SURF-PMB-
Sign & Flasher Installation
Contract let December 16, 1976
Amount of Contract - $2,836,425.90
Work Proceed Date - April 18, 1977
Work Started January 25, 1977

Washington Construction Company
Missoula, Montana, Contractor
L.D. Claridge, Field Project Manager
St. Regis, Montana, Phone 649-2471
Contract Time - 220 working days
Probable Completion Date - Dec. 15, 1977

The contractor is presently clearing the left side of the west bound lane. The east bound and the right side of the west bound is presently cleared. He is also stripping top soil from Sta. 700+00 to 740+00 east bound as weather permits. The crusher started crushing Type A Gr. 5 material on 3/29/77 and is presently placing the material in a stockpile. The project as a whole is 7% complete with 0% of the contract time elapsed. Fourteen men are working on eight 10-hour shifts per week. Construction layout, with a 12-man engineering crew engaged, is 39% complete.

I 90-1(87)45, Superior - West
Length - 544.5 Ft. Composite Steel & Concrete
Girder Bridge over the Clark Fork River
Contract let June 26, 1975
Amount of Contract - $1,084,707.40
Work started August 25, 1975

Hensel-Phelps Construction Company
Vancouver, Washington, Contractor
George Roat, Field Project Manager
Superior, Montana
Contract Time - 250 Working Days
Probable Completion Date - July 15, 1977

Work during the past weeks has consisted of erecting structural steel on Span No. 3, repairing Jacking Diaphragms at Pier No. 3 and Pier No. 4 and forming deck on Spans 1 and 2. The project as a whole is 77% complete with 72% of the contract time elapsed. Thirteen men are working five 8-hour shifts per week. Construction layout, with a 3-man engineering crew engaged, is 70% complete.

I 90-1(51)78, U-3, Huson - West
Length - 1,020.0 Ft. Composite Steel & Conc.
Girder Bridge over Clark Form & Emb. Apps.
Contract let August 16, 1974
Amount of contract 0 $2,367,500.00
Work started October 9, 1974

Hensel-Phelps Construction Company
Vancouver, Washington, Contractor
William C. Maart, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 280 working days
Probable Completion date - May 30, 1977

Work has been suspended. The project as a whole is 96% complete with 92% of the contract time elapsed. Construction layout is 99% complete. Engineering personnel are currently engaged on other assignments.

RF 164(20), Philipsburg - South
Length - 7.7 Miles, PMB. Seal & Cover, Sign and Lighting
Contract let May 13, 1976
Amount of contract 0 $591,661.11
Work started May 26, 1975

Zook Brothers Construction Company
Great Falls, Montana, Contractor
Allan J. Dutton, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract time - 90 working days
Probable Completion Date - May 20, 1977

There has been no work by the contractor. The project as a whole is 98% complete with 94% of the contract time elapsed. One engineer worked ten days on summaries and notes. Construction layout is 98% complete.

RF 192(9), Arlee - Safety, US 93
Flasher Installation & Traffic Cont.Devices
Contract let November 19, 1976
Amount of Contract - $29,588.95
Work started March 14, 1977
Work Proceed Date - April 19, 1988

S & S Construction Company
Helena, Montana, Contractor
J.E. Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract time - 20 working days
Probable Completion Date - June 15, 197

Contractor installed the overhead flasher on US 93 and C Street. This is in operation as of this date. The project as a whole is 42% complete with 0% of the contract time elapsed. Two men are working four 8-hour shifts per week. Construction layout, with a 2-man engineering crew engaged, is 80% complete.

F 215(23), Florence - Lolo &
F 259(16), Florence - North & South
Length - 0.344 Miles, G-GS-PMS, Sign & Fence
Contract let September 19, 1973
Amount of Contract - $1,579,040.37
Work started October 24, 1973

Washington Construction Company
Missoula, Montana, Contractor
Gerald Tahija, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 330 Calendar Days
Completed on October 27, 1975

Final data submitted to Helena on March 15, 1977.

HHS 219(1), FF 219(32), & HHS 219(35)
DeSmet Interchange North, Evaro - North & South, & Evaro Hill
Length - 10.595 Miles, Missoula & Lake Cos.
Contract let February 26, 1976
Amount of Contract - $876,235.40
Work started April 30, 1976

McIntyre Construction Co. & S. Birch, Inc.
Great Falls, Montana, Contractor
C.W. Hegman, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 110 Working Days
Contract Completed - September 29, 1976

Final data will be submitted to the Division office about April 15, 1977.

RS 343(12), Avon - Helmville
Length - 5.1 Miles, G-AGG. SURF.-PMB Widen & Guard Rail Revision
Contract let May 27, 1976
Amount of contract - $1,168,747.12
Work started July 7, 1976

Washington Construction Company
Missoula, Montana, Contractor
Gerald P. Tahija, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract time - 150 working days
Probable Completion Date - Aug. 15, 1977

The project as a whole is 70% complete with 62% of the contract time elapsed. Work has been suspended and personnel are currently engaged on other assignments.

M-RS 000S(51) & M 8199(2), U-1
Signing & Delineation
Contract let September 30, 1975
Amount of Contract - $77,620.20
Work started March 17, 1976
Work Proceed Date - October 22, 1975
Skinner Enterprises, Contractor
Helena, Montana
J.E. Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 120 working days
Completed - October 18, 1976
Final data will be submitted to Helena about April 8, 1977.

M-RS 000S(53), Missoula County - Urban
Length - 37.9 Miles, Signing & Delineation
Contract let October 29, 1976
Amount of Contract - $58,976.70
Work not yet started
Work Proceed Date - April 18, 1977
Western Sign Corporation
Great Falls, Montana, Contractor
J.E. Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract time - 90 Calendar Days
Probable Completion Date - July 1, 1977
The contractor plans to start work in the spring.

M 8105(3), Missoula, Channelization & Signal Revision, W. Broadway & Russell Intersection
Contract let November 19, 1976
Amount of Contract - $125,400.50
Work Proceed Date - April 18, 1977
Fred Strandberg Construction Co., Inc.
Helena, Montana, Contractor
J.R. Williams, Field Project Manager
Missoula, Montana, Phone 549-6491
Probable Completion Date - July 29, 1977
The contractor has worked 6 days on loop detector and 2 days installing traffic control devices. There has been no sequence of operations submitted by contractor to date. He is working this out at the present time. Availability of plant mix will be needed to install conduit across the roadways. The project is 2% complete with 0% of the contract time elapsed. Two men are working parttime. Construction layout, with 2 engineers engaged, is 15% complete.

M 8107(2), City of Missoula
Orange Street Traffic Control Devices
Contract let September 30, 1975
Amount of Contract - $144,725.75
Work started November 17, 1975
Work Proceed Date - October 22, 1975
Skinner Enterprises, Contractor
Helena, Montana
J.R. Williams, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract time - 75 Working Days
Completed - October 18, 1976
Final data submitted to Helena on March 21, 1977.

M 8107(4), North Orange Street, Missoula
Length - 0.8 Mile, Lighting & O'head Monitor
Contract let August 25, 1976
Amount of Contract - $85,663.22
Work started March 22, 1977
Work Proceed Date - Sept. 20, 1976
Midland Electric Company
Billings, Montana, Contractor
J.R. Williams, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time - 60 Working Days
Probable Completion Date - June 17, 1977
Work consists of installing lights and conduit in the east walkway and the main barrel of the Orange Street Underpass. The project as a whole in 5% complete with 0% of the contract time elapsed. Six men are working five 8-hour shifts per week. Construction layout, with 2 engineers engaged, is 20% complete.

M 8199(2), U-2 & M-U 8199(4), Missoula — Western Sign Corporation
School Crossings, Signing & Signalization — Great Falls, Montana, Contractor
Contract let June 10, 1976 — J.E. Hughes, Field Project Manager
Amount of Contract - $106,132.00 — Missoula, Montana, Phone 549-6491
Work started July 20, 1976 — Contract Time - 60 Working Days
Work Proceed Date - July 6, 1976 — Probable Completion Date - May 30, 1977
There has been no work the past few months. The project is 87% complete with 2% of the contract time elapsed. Construction layout, with 2 engineers engaged, is 99% complete.

SMP 3299-77, Missoula & Ravalli Counties — Washington Construction Company
Crush & Stockpile 55,000 Tons of Aggregates — Missoula, Montana, Contractor
Contract let January 27, 1977 — D.R. Lohn, Div. Lab. Supervisor 2
Amount of Contract - $166,025.00 — Missoula, Montana, Phone 549-6491
Work Proceed Date - April 18, 1977 — Contract Time - 80 Working Days
Work not yet started — Probable Completion Date - July 15, 1977
Contractor hopes to start work on this project in about a month.

Ben C. Miller

BEN C. MILLER, P.E., SUPERVISOR
DIVISION CONSTRUCTION SECTION

BCM:drn

DEPARTMENT OF HIGHWAYS

Kalispell, Montana

April 1, 1977

Department of Highways
Helena, Montana 59601

Progress Report

Gentlemen:

The following is a report on pre-construction and consturction activities in area 1230 for the period ending April 1, 1977.

G E N E R A L

Progress has been fair. Weather has been normal with light precipitation in the form of rain and wet snow. Day time temperatures ranged from $+36^{o}$ to $+50^{o}$ with night temperatures from $+24^{o}$ to $+34^{o}$. Highways are in early spring driving conditions with occasional snow and ice in shaded areas and mountain passes.

P R E - C O N S T R U C T I O N

HHS-58(28) Libby-Kalispell
Length - 2900' & 7000' Alignment
Survey Authorization Dated-August 27, 1976
Survey Started - September 7, 1976

August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-3950
Est. Comp. Date - May 1, 1977

The project consists of two separate sections. The most westerly section is 3900' in length including spirals and connections. The most easterly section is 7000' in length with spirals and connections. Centerline, benches, cross-sections and topography is 100% complete. Section ties are approximately 75% complete. The remaining survey work consists of bridge surveys. There has been no additional work on this location during the last reporting period. The bridge surveys will be made in the spring after the ice has dissipated. The total man days used to date remains 242½ days, with the survey remaining approximately 80% complete.

F83-2(1) 67 Swan Lake North Overlay
Length - 12.7 Miles
Survey & Design Authorization-Jan. 31, 1977
Design Started - Feb. 23, 1977

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone - 755-5717
Est. Comp. Date - May 15, 1977

Preliminary plan sheets have been completed. Two men are currently locating all road approaches. Division lab personnel are testing the existing roadway section throughout the project. A determination has yet to be made on what areas will be designated for special treatment, such as fabric material or rubberized asphalt. An investigation is also to be made by the Geology Section.

F-100(9) Columbia Falls East & West
RS 486-1(2); (S-334(2)) Nucleus Ave.
Length - 5.4 Miles
Design Started - January 14, 1975

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone - 755-5717
Est. Comp. Date - June 30, 1977

F-100(9)

Two men worked the past period on miscellaneous design, and right of way revisions. The Hydraulics Unit is currently working on the storm drain design. 329 man days have been used to date on design, which is approximately 70% complete.

RS-486-1(2)

One man day was worked the past period on miscellaneous design. The Hydraulics Unit is currently working on the storm drain design. 77 man days have been used to date on design, which is approximately 70% complete.

RF-257(16) & LSF-1-257(5) Coram-West Glacier Section
Length - 4.8 Miles
Scheduled for July 1977 Letting

August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-3950

A four to five man crew worked establishing the projected centerline, also clearing line, and setting control points. A total of 45 man days worked making a total of 273.5 to date.

UTILITIES

Montana Power Company discontinued operations for the winter or until other work loads subside. Gas line crossings have been relocated at stations 493+11 and 529+65. Relocation remains approximately 20% complete.

Harp Line Construction Co., contractor for Flathead Electric Co-op, began work March 21, 1977 framing and setting new poles. Progress has been good with 6-7 men working 5-8 hour shifts weekly. All transmission line poles will be set by March 31, 1977. Relocation is approximately 20% complete.

F-263(8) Stryker-Roosville
Length - 6.0± Miles
Survey Authorization Dated - Nov. 13, 1975
Survey Started - December 8, 1975

Jack Adamson, Field Proj. Mgr.
Eureka, Montana 59917
Est. Comp. Date - April 15, 1977

Progress has been fair. Work has been completed on the mainline, except for minor pickup of utilities. A crew of four men were transferred to the project March 21, 1977, making a total of 10 personnel assigned to the project. Work now consists of surveying two proposed alternate lines. This work is approximately 35% complete making the project as a whole 90% complete, with 1015 man days expended.

RS-325(2) Libby South East Rte. 482
Length - 3.5 Miles
Survey Authorization Dated - Dec. 6, 1974
Survey Started - January 6, 1975
Survey Suspended - January 17, 1975

Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-5006
Est. Comp. Date - Pending

No work on this location survey the past period. The limited survey which consists of centerline, section ties and level datum remains 3% complete.

RS-451(1) West Reserve Drive
Length - 6.5 Miles
Design Started - June 22, 1974

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone - 755-5717
Est. Comp. Date - Pending

There has been no work on design this reporting period. Design personnel will be working on projects F-100(9) and RS-496-1(2) until completion. 82 man days have been used to date on RS-451(1) design, which is approximately 12% complete.

C O N S T R U C T I O N

FH7-1(1) Thompson Falls-West
Aggregate Surfacing & Plant Mix Bit.
Base & Signing
Length - 10.0 Miles
Contract Let - March 27, 1975
Contract Awarded - March 31, 1975
Contract Amount - $756,731.50
Proceed Order - April 21, 1975
Work Started - July 22, 1975

Zook Brothers Const. Co.
Great Falls, Montana 59401
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone 755-3950
Contract Time - 110 Working Days
Proj. Completed - August 18, 1976

The final was submitted to Helena March 7, 1977. This will be the final report.

ERFO 72(2) Essex-Summit
Bear Creek - Flood Repair
Length - N/A
Contract Let - October 29, 1976
Contract Awarded - October 29, 1976
Contract Amount - $1,711,336.10
Proceed Order - April 18, 1977
Work Started - November 22, 1976

Zook Brothers Const. Co.
Great Falls, Montana 59401
August Strobbe, Field Proj. Mgr.
Essex, Montana 59916
(No Phone)
Contract Time - 120 Working Days
Prob. Comp. Date - Sept. 1, 1977

Progress has been fair. Contractor is working 5-8 hour shifts per week, employing 19 men. Placing class III riprap right of stations 1631+75 to 1663+00 and excavating keyways. Restoration performed right of stations 517 to 534+ and right of 1630 to 1640. Project as a whole is approximately 28% complete with 0% of the contract time elapsed. Winter suspend is in effect. Construction layout remains approximately 77% complete with a seven man crew engaged with survey and inspection duties.

RF-BRF-100(15) Flathead River Bridge
Columbia Falls
Pre-Stressed Concrete Girder Bridge &
Grade & Surf. Temp. Approach
Length - 0.303 Miles
Contract Let - March 27, 1975
Contract Awarded - March 31, 1975(Con.by FHWA)
Contract Amount $2,117,380.30
Proceed Order - April 21, 1975
Work Started - May 21, 1975

COP Construction Company
Billings, Montana 59101
Lawrence Chezik, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-5717
Contract Time - 300 Working Days
Prob. Comp. Date - July 1, 1977

Progress has been fair this past month with little increase in pay items. The contractor worked 17-8 hour shifts employing 2-16 men. The re-steel for W. B. intermediate and end diaphragms has been tied and the concrete placed for all end diaphragms 2/3 of the intermediate diaphragms. Vertually all of the W. B. deck has been formed except areas adjacent to the backwalls and diaphragms. The deck forms still require grade adjustments at a later date. The project as a whole is approximately 92% complete with 80% total contract time elapsed. The project continues under winter suspend. Two state employees are presently assigned to the project.

U191(38) St. Matthew School Signals
MU6799(1) U.S. #2 Signal Upgrade
Installation of Flasher at St. Matthew
School Crossing on Main St. in Kalispell
and Signal Controller Upgrade on Four
Intersections on U.S. #2
Contract Let - March 25, 1976
Contract Awarded - March 31, 1976(FHWA 4-1-76)
Contract Amount - $46,975.20
Proceed Order - April 22, 1976
Work Started - October 13, 1976

Signal Electric, Inc.
Kent, Washington
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-3950
Contract Time - 45 Working Days
Prob. Comp. Date - April 15, 1977

Progress has been poor the past month with only minor and miscellaneous items being accomplished during the period. The school flahsers are 100% complete and the contractor plans to begin installing sensing heads for the signals on Monday, April 4, 1977. Project as a whole is 80% complete, with no contract time elapsed.

HHS-257(31) Dew Drop Curve
Grading & Plant Mix Surfacing
Length - 0.094 Miles
Contract Let - August 30, 1976
Contract Awarded - August 30, 1976
Contract Amount - $17,623.96
Proceed Order - September 20, 1976
Work Started - October 8, 1976

Pack & Co., Inc.
Kalispell, Montana 59901
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 655-5006
Contract Time - 30 Working Days
Project Completed - Oct. 19, 1976

Final was submitted to division office January 25, 1977. Should be checked and ready for submittal to Helena about April 10, 1977.

DP-270(13) U.S. #93 North of Kalispell
Grade, Gravel Surface
Length - 0.776 Miles
Contract Let - February 26, 1976
Contract Awarded - March 1, 1976
FHWA Concurred - Marhc 2, 1976
Contract Amount - $285,900.23
Proceed Order - April 16, 1976
Work Started - April 27, 1976

Pack & Co. Inc.
Kalispell, Montana 59901
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-3950
Contract Time - 60 Working Days
Project Completed - December 3, 1976

Final is being checked in division office as time permits. Should be checked and ready for submittal to Helena about May 1, 1977.

F-330(6) Libby-East
Grade, Agg. Surf. Plant Mix Surf. &
Seal, Storm Sewer Installation
Signing, Lighting & One Pre-Stressed
Concrete Girder Bridge
Length - 4.5 Miles
Contract Let - March 27, 1975
Contract Awarded - April 4, 1976 (FHWA Conc. 4-7-75)
Contract Amount - $2,843,803.46
Proceed Order - April 28, 1975
Work Started - April 28, 1975

Zook Brothers Const. Company
Great Falls, Montana 59401
Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-5006
Contract Time - 200 Working Days
Project Completed - December 6, 1976

The project was completed and accepted December 6, 1976. Final compilation is being worked on as time permits, however progress has been poor due to construction acitvity of RS 404(8). The final will be submitted to division office about January 1, 1978.

RS-410(8) Wampoo-4th of July Creek-Yaak Road
Grade, Gravel Surface, Plant Mix
Length - 4.6 Miles
Contract Let - June 10, 1976
Contract Awarded - June 14, 1976
Contract Amount - $1,546,063.86
Proceed Order - July 6, 1976
Work Started - July 6, 1976

Murphy Brothers, Inc.
Spokane, Washington
Jack Adamson, Field Proj. Mgr.
Troy, Montana 59935
Phone - 295-4741
Contract Time - 140 Working Days
Prob. Comp. Date - July 1, 1977

The contractor plans to resume work about April 15, weather permitting. Two State personnel working in office on notes as time permits. The project remains 59% complete with 60% of contract time elapsed.

RS-DP-448(3) Dayton-Northwest
Grade, Agg. Surf. Plant Mix Base
Length - 5.38 Miles
Contract Let - December 18, 1975
Contract Awarded - December 19, 1975
Contract Amount - $1,227,911.77
Proceed Order - April 16, 1976
Work Started - April 5, 1976

L. M. Johnson, Inc.
Spokane, Washington
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-3950
Contract Time - 180 Working Days
Prob. Comp. Date - May 17, 1977

RS-DP-448(3)

No progress last month. Guard rail posts have been set for all guard rail sections and dress up around post will be done in the spring. All contract and change orders are 100% complete with the exception of chip and seal and striping, which will be completed in the summer of 1977. The project as a whole is 95% complete with 76% of the contract time elapsed. Construction layout is approximately 96% complete with one to two men working on field notes as time permits.

RS 4144(52) U1-Polson
RS 4144(52) U12-Ravalli
Bridge End Treatment
Contract Let - February 24, 1977
Contract Awarded - February 28, 1977
Contract Amount - $16,025.45
Proceed Order - April 18, 1977

Western Sign Corp.
Great Falls, Montana 59401
Daniel Tombrink, Eng. Tech. III
Kalispell, Montana 59901
Phone - 755-3950

No preliminary engineering work done to date. Project involves bridge end approach improvements of Flathead River bridge west of Polson and bridge on Jocko River west of Ravalli. A preconstruction conference is tentatively scheduled for April 7, 1977.

M6730(1) & RS-404(8) Kalispell-South Loop
Grade, Agg. Surf., Pl. Mix Base, Pl. Mix Surf. & Water Line and Signing
Length - 3.7 Miles
Contract Let - September 30, 1976
Contract Awarded - October 7, 1976
Contract Amount - $1,739,309.92
Proceed Order - October 28, 1976
Work Started - November 9, 1976

Clark Brothers Contractors
Victor, Montana 59875
Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone - 755-5006
Contract Time - 130 Working Days
Prob. Comp. Date - Oct. 15, 1977

Progress has been fair this past month. Work consisted of excavating and blasting unclassified and placing embankment Stations 420 to 490, making the unclassified excavation item approximately 75% complete. Drop inlets and storm drain feeders were placed from Station 556 to 615 making the storm drain items approximately 90% complete. Water main service taps were completed from Station 600 to 615 and partial hookups were made from 580 to 600. Crushing and stockpiling 4" select surfacing continued between major crusher breakdowns. The prime contractor currently employs approximately 30 men. Ten engineers and inspectors are currrently assigned to the project and have the construction layout 40% complete. The project is approximately 45% complete with 8% of the contract time elapsed. Seasonal suspend is currently in effect.

SMP-1599-76 (State Project)
4 Crusher Setups in Flathead, Lake Lincoln, and Mineral Counties
Contract Let - December 17, 1976
Contract Awarded - December 17, 1976
Contract Amount - $113,500.00
Proceed Order - April 18, 1977
Work Not Started

Frank Boroni Construction
Butte, Montana
John Kalien, DMS II
Kalispell, Montana 59901
Phone - 755-5717
Contract Time - 65 Working Days
Prob. Comp. Date - June 1, 1977

No progress to date. Contractor has moved into Pit No. 2420-01 (Foot's Corner) and setting up. Has submitted reclamation plan for approval and plans to start crushing April 4, 1977 if reclamation plan is approved.

Relocation: Montana 37 - Unit 3A Libby Dam & Lake Koocanusa Project
Length - 2.44 Miles
Contract Awarded - August 3, 1976
Contract Amount - $732,945.00
Proceed Order - August 31, 1976

Bering Straits Construction Co.
(Central Const. Co.)
Seattle, Washington
U.S. Army Corps of Engineers
Libby, Montana 59923
Phone - 293-6221
Jack Adamson, FPM-Liason Engineer
Troy, Montana 59935
Phone - 295-4741
Contract Time - 360 Working Days
Est. Comp. Date - Pending

The contractor intends to start his operation April 4, 1977. Removal of the existing railroad grade has been completed. Also some work has been done at the quarry pit in preparation for spring work. The project as a whole is approximately 5% complete.

James J. Keithley, P.E.
Supv. Div. Const. Section

JJK:HAS:mb

Department of Highways

Butte, Montana

March 31, 1977

1977
CONSTRUCTION BUREAU

Department of Highways
Helena, Montana

Progress Report
Division 2130

Gentlemen:

The following report covers construction and preconstruction operations in Division 2130 for the period ending March 29, 1977. The weather has been mild with some snow showers and temperatures ranging from -4° to +58°.

PRECONSTRUCTION

F 8-2(3)
Intersection of 11th Ave. and
Fee St. - Helena
Location Survey
0.00 Miles
Lewis & Clark County

Gerald S. Ditto, Manager
Field Project
Helena, Montana
Probable Completion Date:
Undetermined

Work on this project will commence when time permits.

F 8-4(1)77
Townsend-Toston
Pl. Mix Overlay on U.S. #287
Design
10.215 Miles
Broadwater County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
April 15, 1977

Design work consisted of calculating typical section quantities for the mainline and approaches and preparing plan sheet and summary linens for the project. On March 23, 1977 the original 7.9 mile length of the project was extended to 10.215 miles. The additional data needed to complete the design for the extended portion was compiled in a field review of the project and is being incorporated into the plans. A two man design crew worked 17 man days for a total of 25 man days used to date. Design work on the project is 55% complete. It is anticipated that the plans will be sent to Helena for a P.I.H. printing on April 15, 1977.

I IG 15-3(13)157
Basin-Boulder
5.49 Miles
Jefferson County

Morrison-Maierle, Inc.
Consulting Engineers
Helena, Montana

I IG 15-3(13)157 Cont'd.
A mylar hardshell and 2 plan-profile of the low-grade access road at the Boulder end have been completed from MDH furnished field survey. Field cross-sections for this section have also been received. All of the plan profile sheets for the project (11 mainline sheets and 2 frontages road sheets) have been submitted to be photographed for R/W plans and seven of these have been returned to us. Six sheets of mainline R/W have been complete with land net, preliminary ownership, and mining claims and brownlines have been turned over the MDH R/W Section for property ownerhsip work. Surfacing unit quantity calcualtions are complete and final typical roadway sections are being drafted. The locations of needed stream cross sections were sent to the MDH field crew. These will be used for the hydrology studies at bridge sites. Bridge deisgn will begin as soon as we receive Bridge Site survey information from MDH field crews and MDH recommendations on allowable foundation design loadings. Bridge boring logs for three bridges were received on March 7, 1977.

Location

Bill Bork, Manager
Field Project
Boulder, Mt. Tel. 225-3878

Work the past period consisted of making section ties. An eleven (11) man crew expended 91.5 man days for a total of 510.5 man days used to date. Line run is 100% complete. Levels run are 89% complete and Section Ties are 36% complete. Project as a whole is 64% complete.

S 34(4) Section 2
Jackson - North
Design
7.566 Miles
Beaverhead County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
Unknown

The design of this project has been temporarily suspended to complete the design work on other projects. Plotting the mylar and profile, plotting and inking the cross sections, tracing the plan and profile linens and laying and computing the grades are all 100% complete. The design remains 22% complete with 164 man days used to date.

I IG 90-3(27)172
Garrison E&W (West Section)
Construction Staking
4.247 Miles
Powell County

Raymond G. Masters, Manager
Field Project
Deer Lodge, Montana

Construction staking is 17% complete. Work has been suspended due to resumption of construction project I IG 90-3(39)176.

F 249(18)
Helena West
Design
6.2745 Miles
Lewis & Clark County
Design Started: December 7, 1970

VTN. Inc.
Helena, Montana
Probable Completion Date:
Undetermined

F 249(18) Cont'd.
Public Hearing was held November 8, 1976.

F 249(19)
Avon - Elliston
Location Survey
12.136 Miles
Powell County

Gerald S. Ditto, Field
Project Manager
Helena, Montana
Estimated Completion Date:
Unknown

Survey has been suspended, temporarily, due to construction project. There has been a total of 511½ days expended to date. Line and Levels runs are 100% complete. Cross sections taken are 39% complete and topography is 40% complete. Project as a whole is 42% complete.

RS 250(3)
Gregson Road
Design
2.969 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Mt.
Probable Completion Date:
December 16, 1977

Location work on the project was completed on March 4, 1977 and the data sent to the Butte Office. A 8 man crew expended 32 man days for a total 506.5 man days used on the location survey to date. Design work on the project began March 20, 1977. Work for the period consisted of checking location survey notes and plotting cross sections. A two man crew expended 9 man days for a total of 9 man days used to date. Location survey notes checked are 100% complete. Cross sections plotted are 25% complete. Design for the project as a whole is 4% complete.

RS 284-2(2)
Canyon Ferry Dam S.E.
Design
3.507 Miles
Lewis & Clark and Broadwater Counties

Raymond M. Grant
Designer II
Butte, Montana

This project will be designed in Helena. All data was forwarded to Helena on March 21,1977.

RS 393-1(2)
Basin Creek Road
Design
2.850 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
September 23, 1977

Design work on the projects was temporarily suspended to complete work on other projects. It is anticipated that work will resume on April 15, 1977. Design work on the project is 10% complete. Hydraulics data has been submitted to the Hydraulics Unit for culvert recommendations. Material reports have been submitted to the surfacing design unit for typical section recommendations. The notes reduced and checked are 100% complete, cross sections plotted, topoged and inked are 100%, the hardshell plotted is 100% complete and the profile plotted and inked is 100% complete.

PRECONSTRUCTION

RS 393(1)
West of Twin Bridges
Location Survey
0.61 Miles
Madison County

William C. Birkenbuel, Manager
Field Project
Dillon, Montana
Completion Date:
March 10, 1977

Completed location data was sent to Helena on March 10, 1977.

S 452(1) Section 2
Whitehall - Jefferson Island
Design
1.041 Miles
Madison & Jefferson Counties

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
Unknown

The design work on this project has been suspended awaiting the bridge end elevations and design from the Bridge Dept. The mylar and profile plotted; the plan and profile linens traced, and the cross sections plotted and inked are all 100% complete. The design remains 10% complete with 40 man days used to date.

M 1810(1)
Grand Avenue - Butte
Design
1.3745 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
January 5, 1978

There was no work on the project during this period. Design work has been temporarily suspended to complete work on other projects. It is estimated that work will begin again by April 15, 1977. The plan and profile linens are traced for 1.4 miles and are 45% complete. The cross sections plotted inked and topoged are 95% complete and the profile revised and plotted is 95% complete.

M 5807(1)
Neill to Lyndale on North
Last Chance - Helena
Location Survey
0.8 Miles
Lewis & Clark County

Engineer: Unassigned
Probable Completion Date:
Undetermined

Field location work on this project will commence when a crew is available.

CONSTRUCTION

I 15-2(34)103 Unit 4
Divide - North
The construction of a Dual Rest Area,
Lighting, Signing and Related Items
Silver Bow County
Contract Let: June 12, 1975
Bid Price: $377,474.95
Work Started: July 21, 1975

Ingram - Clevenger, Inc.
Helena, Montana
Irvin Broell, Manager
Field Project
Divide, Mt. Tel. 267-2263
Contract Time: 200 Working Days
Probable Completion Date:
April 15, 1977

I 15-2(34)103 Unit 4 Cont'd.
Project on winter shutdown. Work remaining consists of installation of curbing and landscaping work under Change Order No. 2 which will be accomplished next spring. Project as a whole is 99% complete with 99% of the contract time elapsed. There are two Engineers assigned to this project and they are presently working on the Basin - Boulder location.

I 15-2(35)111 Unit 1
I 15-2(36)118
Deer Lodge Pass North & Nissler South Roads
Grading, Agg. Surfacing, Plant Mix Bit.
Surf. & Signing
Silver Bow County
7.792 Miles
Contract Let: Sept. 20, 1973
Bid Price: $2,694,875.50
Work Started: Oct. 18, 1973

McIntyre Constr. Co. & S. Birch
Great Falls, Montana
Matt Vranish, Manager
Field Project
Butte, Mt. Tel. 792-1797
Contract Time: 360 Calendar Days
Completion Date:
July 19, 1976

Checking of Final Data is progressing in the Division Office. It is estimated that Final Data will be sent to Helena on May 12, 1977.

I 15-2(37)134 &
I 15-3(25)135 Unit 1
Butte North & Woodville North
Grading, Surfacing
and Plant Mix Bit. Base
6.499 Miles
Silver Bow & Jefferson Counties
Contract Let: January 9, 1975
Bid Price: $3,734,970.05
Work Started: March 17, 1975

McIntyre Constr. Co. &
S. Birch Inc.
Great Falls, Montana
Frank Caprara, Manager
Field Project
Butte, Mt. Tel. 792-5841
Contract Time: 260 Working Days
Probable Completion Date:
September 9, 1977

Project is on winter shutdown. Project as a whole is 63% complete with 52% of the contract time elapsed. Construction layout as a whole is 80% complete. The 6 man engineering crew is presently on the Basin-Boulder location.

I 15-2(38)120, I 115-2(6)126,
I 90-4(25)205 & I 90-4(31)207
Nissler - East Butte, Inter., Butte Spur
Opportunity Junction - Homestake Pass Road
and Opportunity Interchange
4 - Lane Safety Upgrade
30.7 Miles
Silver Bow & Deer Lodge Counties
Contract Let: April 25, 1975
Bid Price: $1,577,086.10
Work Started: June 23, 1975

Western Sign Corp., Lewis Constr.
Co. & Cascade Electrical Co. (JV)
Great Falls, Montana
Robert Wilson, Manager
Field Project
Butte, Mt. Tel. 792-9937
Contract Time: 150 Working Days
Completion Date:
November 16, 1976

It is estimated that Final Data will be submitted to Division Office on April 22, 1977. It is estimated that Final Data will be sent to Helena on July 15, 1977.

I 15-3(25)134 Unit 2
Woodville - North Road
The construction of a dual 148.0 foot prestressed concrete girder overpass (Woodville Interchange), a dual 123.0' Concrete girder overpass (Sawmill Gulch Separation) and a dual 128.0 foot prestressed concrete girder overpass (Trask Interchange)
0.075 Miles
Jefferson County
Contract Let: Oct. 17, 1974
Bid Price: $806,060.40
Work Started: May 19, 1975

McEachern Constr. Co.
Butte, Montana
Loren Matkin, Manager
Field Project
Warm Springs, Mt. Tel. 693-2242
Contract Time: 230 Working Days
Completion Date:
November 6, 1976

Final Inspection and Acceptance November 30, 1976. It is estimated that Final Data will be sent to Helena on May 20, 1977.

I 15-3(26)140 Unit 1
Elk Park - South
Grading, Aggregate Surfacing
Plant Mix Bituminous Base,
Fencing and Signing
Jefferson County
2.4 Miles
Contract Let: August26, 1976
Bid Price: $1,549.787.98
Work Started: Sept. 14, 1976

McIntyre Constr. Co. &
S. Birch Inc.
Great Falls, Montana
Bill Bork, Manager
Field Project
Boulder, Mt. Tel. 225-3878
Contract Time: 150 Working Days
Probable Completion Date:
November 11, 1977

Project on winter shutdown. Project as a whole is 43% complete with 27% of the contract time elapsed. Construction layout as a whole is 82% complete. The 5 man Engineering crew is assigned to Basin-Boulder location.

FH 28-1(3)
MacDonald Pass East & West (West Section)
Grading, Aggregate Surf., Pl. Mix
Bit. Base Surf., Seal, Cover,
Signing & Fencing
2.5 Miles
Powell and Lewis & Clark Counties
Contract Let: April 25, 1975
Bid Price: $2,227,170.70
Work Started: June 5, 1975

Meyer Const. Co.
Billings, Montana
James Trankel, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 240 Working Days
Probable Completion Date:
June 30, 1977

Work the past period consisted of drilling in rock slide. The contractor employed 10 men for 20-8 hour shifts. Project as a whole is 74% complete with 81% of the contract time elapsed. Construction layout as a whole is 89% complete with 1 Inspector engaged.

RS 34(7)
Wisdom - South
Grading, Agg. Surf., Pl. Mix
Base, Seal & Cover
10.160 Miles
Beaverhead County
Bid Price: $1,609, 681.60
Contract Let: June 29, 1976
Work Started: July 26, 1976

Clark Bros. Contractors
Victor, Montana
William Birkenbuel, Manager
Field Project
Wisdom, Mt. Tel. 689-2255
Contract Time: 175 Working Days
Probable Completion Date:
October 14, 1977

Project is on winter shutdown. Project as a whole is 61% complete with 45% of the contract time elapsed. Construction layout as a whole is 97% complete. There is a 7 man Engineering Crew assigned to this project and they are presently doing location work.

HHS 089-1(001)
Various Intersections U.S. #91
in Dillon
Signing and Flashers
0.00 Miles
Beaverhead County
Contract Let: November 18, 1976
Bid Price: $14,714.84
Work Not Started

S&S Construction
Helena, Montana
Irvin C. Broell, Manager
Field Project
Divide, Mt. Tel. 267-2263
Contract Time: 30 Working Days
Probable Completion Date:
May 27, 1977

Preconstruction Conference held February 15, 1977.

I 90-3(34)193 Unit 1
I IG 90-4(26)194 U1 & RS 304(12) Unit 1
Racetrack-North, Warm Springs-North
& South and Galen East
Grading and Structures
13.083 Miles
Powell & Deer Lodge Counties
Contract Let: April 29, 1976
Bid Price: $7,050,419.49
Work Started: June 10, 1976

Washington Constr. Co.
Missoula, Montana
John T. McGeever, Manager
Field Project (Road)
Warm Springs, Mt. Tel. 693-2242
Loren Matkin, Manager
Field Project (Bridge)
Warm Springs, Mt. Tel. 693-2242
Contract Time: 260 Working Days
Probable Completion Date:
September 15, 1977

Road
Work the past period consisted of forming and pouring concrete cut-off walls and conducting grading operations. Contractor employed 45 men for 15-8 hour shifts. Project as a whole is 62% complete with 30% of the contract time elapsed. Construction layout as a whole is 76% complete with 8 Engineers and 2 Inspectors engaged.

Bridges
Progress during the past period was good. Work consisted of: Sta. 812+05.20 - Bt. No. 5 - completing the pre-bore & driving service pile & placing cross beam concrete; erecting Span No. 1 prestress beams; forming on diaph's. & deck Span No's. 1,2&3; tieing up inter. diaph. re-bar for all spans. Sta. 842+26.32 (W.B.) sloping under and around end bents (E.B.) - completing the erecting of the structural steel & slopes under & around end bents. Sta. 1049+68.60 (E.B.) placing, stripping, finishing & curing left & right curbs, all spans; stripping

I IG 90-4(26)194 Unit 2 Cont'd.
underside of deck, all spans. Sta. 1150+10.00 (W.B.) placing left curb concrete, all spans. (E.B.) setting Bt. No. 5 guard angle. Percent complete for the items are as follows: Conc. Cl. AD, 64%; Pre-beams Type A All 100%; Pre-beams Type 4 - 45 & 90 feet, 100%; Struct. Steel Item 431001010, 81%; Struct. Excav.- Type 1, 100%; Test (Both Items) Furn. Drive T.T. Pile & Prebore Holes, all 100%; Reinf. Steel, 55%; Br. Rail Steel Type 5, 3% & Protective Coat, 23%. The structures as a whole are 72% complete. During the past period the bridge subcontr. (McIntyre Const. Co.) worked 20-8 Hr. shifts with 21- men employed. Construction layout is 69% complete with a 4 man engineering crew assigned.

I IG 90-3(39)176
Garrison East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Surf., Signing, Fencing and
the construction of a 303.76' steel
girder underpass (Beckhill Interchange)
and one 21.33' concrete slab overpass
(Junior Grade Separation)
3.560 Miles
Powell County
Contract Let: February 26, 1976
Bid Price: $3,718,181.56
Work Started: June 30, 1976

Max J. Kuney Co.
Spokane, Washington
Ray G. Masters, Manager
Field Project (Road)
Deer Lodge, Mt. Tel. 846-1694
Robert Gilman, Manager
Field Project (Bridges)
Deer Lodge, Mt. Tel. 846-3344
Contract Time: 240 Working Days
Probable Completion Date:
November 18, 1977

Road
Work the past period consisted of conducting grading operations and installing culverts. The contractor employed 30 men for 20-8 hours shifts. Project as a whole is 34% complete with 41% of the contract time elapsed. Construction layout as a whole is 96% complete with 7 Engineers and 1 Inspector engaged.
Bridges
Junior Grade Separation at Sta. 386+49.1: Backfilling county roadway under structure and backfilling around Abutments No. 1 and No. 2 walls and wingwalls.
Beckhill Interchange at Sta. 338+00.00: Excavating Abutment No. 3 main and wing footings and drivingservice piling in main footing.
Percentages complete for the items are as follows: Structure Excavation 90%; Reinforcing Steel 44%; Class AD Concrete 60%; Traffic Control 18%; Mobilization 25%; Structural Steel 0.2%; Furnish Steel Bearing Piles 86%; Drive Steel Bearing Piles 60%. The contractor worked eighteen eight (8) hour shifts employing an average of four (4) men. The structural section of the project is 29.3% complete.

I IG 90-4(26)194 Unit 2
& RS 304(12) Unit 2
Warm Springs - North & South
and Galen-East Road
The construction of a dual 133.0' prestressed concrete girder overpass, 5 concrete slab structures and a dual 85.0' prestressed concrete girder bridge on project
I IG 90-4(26)194 U2 and the
construction of a 121.5' prestressed concrete girder bridge on project RS 304(12)U2
0.075 Miles
Deer Lodge County

Contract Let: July 24, 1975
Bid Price: $1,081,047.36
Work Started: November 26, 1975
McEachern Const. Co.
Butte, Montana
Harold Wiebe, Manager
Field Project
Warm Springs, Mt. Tel. 693-2276
Probable Completion Date:
March 30, 1977

I IG 90-4(26)194 Unit 2 Cont'd.
Contractor did not work the past two weeks on Project No. I IG 90-4(26)194 U2 Warm Springs North & South or Project No.RS304(12)U2 Galen East. Contractor plans to begin decking operations at Galen Interchange, Sta. 939+75.20, East-Bound and Clark Fork River, Sta. 196+75.00, on the work week beginning April 4, 1977. Percentages complete for items are as follows: Unclassified Channel Excavation 85%, Structure Excavation 88%, Reinforcing Steel 82%, Class AD Concrete 90%, Structural Steel 89%, Shoring & Crib 98%. Filter Material 85%, Gravel Blanket 87%, Class II Rip Rap 80%, Mobilization 90%, Steel Beam Bridge Rail Type 5 45%, Pre-Stressed Beams Type A 60 Ft. 100%, Pre-Stressed Beams Type 4 85 Ft. 100%, Pre-Stressed Beams Type A 35 Ft. 100%. The project as a whole is 84% complete with 74% of the contract time elapsed.

RF 171(17) & RS 167(10)
Harrison - North & South
and Cardwell - Southeast
Grading, Agg. Surfacing and
Pl. Mix Bit. Surfacing
8.3 Miles
Madison, Gallatin & Jefferson Counties
Contract Let: November 24, 1975
Bid Price: $2,060,160.58
Work Started: December 17, 1975

McEachern Const. Co.
Butte, Montana
George Buckman, Manager
Field Project
Harrison, Mt. Tel. 685-3440
Contract Time: 200 Working Days
Completion Date:
January 14, 1977

Work on Final Data is 80% complete in the Field Office with a 5 man crew engaged. It is estimated that Final Data will be sent to Helena on July 29, 1977.

RF FF 249(27)
MacDonald Pass East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Base Surf., Seal, Cover
Signing & Fencing
4.1 Miles
Lewis & Clark County
Contract Let: Dec. 16, 1976
Bid Price: $2,865.627.44
Work Started: Jan. 24, 1977

Meyer Const. Co.
Billings, Mt.
James Trankel, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 240 Working Days
Probable Completion Date:
August 31, 1978

Work the past period consisted of clearing and grubbing, erecting fence, crushing gravel and conducting grading operations. The contractor employed 17 men for 20-8 hour shifts. Project as a whole is 2% complete with 0% of the contract time elapsed. Construction layout as a whole is 35% complete with 12 Engineers and 1 Inspector engaged.

HHS 261(15)
Racetrack Overpass
Pl. Mix Bit. Overlay and
Guard Rail Installation
0.0 Miles
Deer Lodge County
Contract Let: October 28, 1976
Bid Price: $138,895.50
Work Not Started

Jim Gilman, Excavating Co.
Butte, Montana
John McGeever, Manager
Field Project
Warm Springs, Mt. Tel. 693-2242
Contract Time: 30 Working Days
Probable Completion Date:
May 27, 1977

Preconstruction Conference held March 2, 1977.

FF 401(3)
Intersection of Montana Ave.
and Billings Ave. in Helena
Signalization
0.00 Miles
Lewis & Clark County
Contract Let: Augst 26, 1976
Bid Price: $27,859.23
Work Started: October 7, 1976

S&S Construction
Helena, Montana
Gerald S. Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 45 Working Days
Probable Completion Date:
April 29, 1977

No work. Awaiting arrival of materials. Project as a whole is 21% complete with 0% of the contract time elapsed. Construction layout as a whole is 75% complete. There are 4 Engineers assigned to this project.

SMP 0499-77 (State Optioned)
Maintenance Crushing
Broadwater, Beaverhead and
Gallatin Counties
Contract Let: February 24, 1977
Bid Price: $119,000.00
Work Started: March 23, 1977

Jim Gilman Excavating, Inc.
Butte, Montana
Russell R. Yarnall, Material
Supervisor III
Butte, Mt. Tel. 494-3666
Contract Time: 65 Working Days
Probable Completion Date:
July 8, 1977

Work the past period consisted of crushing in the Beaverhead County Pit No. 0140-57. The contractor employed 6 men for 4-9 hour shifts. Project as a whole is 6% complete with 6% of the contract time elapsed. There are 2 Engineers on this project.

M 1803(2)
Harrison Ave. and Amherst
St.-Butte
Signal Modification, Signing
and Channelization
0.00 Miles
Silver Bow County
Contract Let: June 28, 1976
Bid Price: $30,854.50
Work Started: October 12, 1976

Western Sign Corp.
Great Falls, Montana
Robert Wilson, Manager
Field Project
Butte, Mt. Tel. 792-9937
Contract Time: 45 Working Days
Probable Completion Date:
April 29, 1977

No work the past period. Project as a whole is 47% complete with 40% of the contract time elapsed.

M 1804(2)
West Park St.-Butte
Butte-Brown's Gulch Road
Grading, Agg. Surf., Pl. Mix
Bit. Base, Pl. Mix Bit. Surf.,
Signing, Lighting & Traffic Signals
0.5 Miles
Silver Bow County
Contract Let: January 27, 1977
Bid Price: $525,301.20
Work Started: March 15, 1977

Jim Gilman Excavating, Inc.
Butte, Montana
Joseph Bettle, Manager
Field Project
Butte, Mt. Tel. 494-4172
Contract Time: 130 Working Days
Probable Completion Date:
November 18, 1977

M 1804(2) Cont'd.
Work the past period consisted of crushing and stockpiling aggregate. The contractor employed 7 men for 3-8 hour shifts. Project as a whole is 3% complete with 0% of the contract time elapsed. Construction layout as a whole is 25% complete with 5 Engineers and 1 Inspector engaged.

M 5805(1)
Signal Modification of various
Intersection in the City of Helena
0.00 Miles
Lewis & Clark County
Contract Let: May 27, 1976
Bid Price: $25,327.50
Work Not Started

Skinner Enterprises
Helena, Montana
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 30 Working Days
Probable Completion Date:
May 27, 1977

Preconstruction Conference was held June 11, 1976.

Richard B. Dundas, P.E. Supr. Div. Const. Sect.-Butte

RBD/GBH/MJJ/cu

P.O. Box 1110
Bozeman, Montana 59715

April 1, 1977

Progress Report
Division 2230

Department of Highways
Helena, Montana 59601

Gentlemen:

Following is a report covering construction and preconstruction operations in the Bozeman Division for the month ending March 31, 1977. Heavy snow showers throughout the Division for the last three weeks of the month hampered all operations.

P R E C O N S T R U C T I O N

F 13-1(1)24 — Engineer Unassigned
8 Mi. South of Cameron - South
Length - 6.0 Miles

All information requested from the field has been transmitted to Helena.

F 13-1( )30 — Engineer Unassigned
3 Mi. South of Cameron - South
Length - 5.0 Miles

All information requested from the field has been transmitted to Helena.

F 20(4) US 191 Spur — Roger E. Blossom, PE, FPM
Approx. Length - 6.7 Miles — Phone: 586-5074 Bozeman
Estimated Completion Date: July 1977

Engineering crew transferred off project on 1-7-77 due to deep snow and weather conditions.

F 29-1(3)16 — Engineer Unassigned
Virginia City Hill
Length - 0.9 Mile

All information requested from the field has been transmitted to Helena.

FH 42-3(2) — Roger E. Blossom, PE,FPM
Slide Near Karsts — Phone: 586-5074 Bozeman
Gallatin County

All information requested from the field has been transmitted to Helena.

F 45-1(1)15
Big Timber - North
Length - 11.4 Miles

L. O. Williams, FPM
Phone: 222-1965 Livingston

All requested data was transmitted to Helena on March 11, 1977

F 50-2(1)88
Signals
Intersection of Main with 3rd &
5th Ave. - Bozeman

Engineer Unassigned

A plan-in-hand inspection for this project has been scheduled for April 7, 1977.

F 60(15)
Clyde Park - N & S

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All information requested from the field has been transmitted to Helena.

F 64-1(1)0 Big Sky Spur
Length - 3.0 Miles
Gravel Surf., Pl. Mix Surf.

Engineer Unassigned

There was no work on the project during the past period.

ROS 76(10)
US 191 Gallatin Canyon Safety
Partial Survey for Future Safety Upgrade

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All information to be supplied by the Division as outlined in the plan-in-hand report was transmitted to Helena on March 11, 1977.

F 86-1(1)0
Rouse Ave. & Lamme St. Int.-Bozeman

Engineer Unassigned

No information has been requested from the field.

I 90-6( )315
Bozeman Pass - West, Rest Area

Engineer Unassigned

No information has been requested from the field to date.

I 90-7(17)350
Springdale - Big Timber
Length - 13.477 Miles

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All requested work has been completed.

I 90-7(18)364
Big Timber - Greycliff
Length - 10.814 Miles

Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber

All information requested from the field has been submitted to Helena.

I 90-7(21)339
Springdale - West
Length - 9.2 Miles

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All requested work has been completed.

I 90-7(34)375
Greycliff - East
Access Road (Prairie Dog Town)
Length - 0.440 Mile

Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber

All requested information has been transmitted to Helena.

I 90-7(36)321 U-2
Bozeman Pass - East
Rest Area & Sand House

Engineer Unassigned

No information has been requested from the field to date.

I 90-7(40)332
Snow Fence
Approx. Length - 5.0 Miles

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

Wind directions and velocity have been recorded at various times. The unusually mild winter has resulted in little or no drifting.

F 91-1(1)0
Big Timber - E & W
Signs, Traffic Cont. Devices

Engineer Unassigned

No information has been requested from the field to date.

F 171(16)
Norris Hill
Length - 9.0 Miles

William F. Nimmons, FPM
Phone: 586-5074 Bozeman
Estimated Completion Date: April 1978

A five-man survey crew has been running centerline, taking cross-sections and topography. During the past month the centerline was run between stations 250 and 510 completing the centerline for this location survey. Cross-sections were taken between stations 129 and 150, making the total cross-sectioning 30% complete. Topography has been taken up to station 180 or 35% of the project. At the present time the location survey as a whole is approximately 30% complete.

S 276(1)
Big Timber - North & East
Approx. Length - 9.0 Miles
Survey Started: 5-28-74

Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Estimated Completion Date: 5-1-77

A six-man survey crew is currently working on this location survey. During the past period two miles of centerline was run, four miles of cross-sectioning was completed. The centerline is now 100% complete and cross-sectioning 94% complete

647 man-days have been expended on this location survey which is presently 75% complete.

HHS 370(26)
Bridger Canyon
Approx. Length - 1.8 Miles

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

A public hearing has been scheduled for April 27, 1977.

RS 463(1)
Springdale - Hunter's Hot Springs
Approx. Length - 2.2 Miles
Survey Started: 1-5-77

Larry O. Williams, FPM
Phone: 222-1965 Livingston
Estimated Completion Date: 8-1-77

All data for the road portion of this location survey was turned in to the Division Office on March 14. It is estimated that the bridge situation survey will be started on or about April 11.

M 1201(1)
North 19th - Bozeman
Approx Length - 0.4 Mile
Survey Started: 1-15-75

Engineer Unassigned

All location survey data has been transmitted to Thomas, Dean & Hoskins, Inc.

M 1202(1)
Oak Street- Bozeman
Approx. Length - 0.8 Mile
Survey Started: 7-26-76

Engineer Unassigned

All information requested to date has been transmitted to Helena.

M 1212(1)
Kagy Lane - Bozeman
Approx. Length - 1.1 Miles

Engineer Unassigned

All field work for this location survey has been completed and data transmitted to Thomas, Dean & Hoskins, Inc.

SRS 4148(52)
BN, Inc. Signals - Off-System
Oregon St. - Belgrade
Northwest of Springdale

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All requested information has been submitted to Helena.

S 28(14)
McLeod - Big Timber
Structures and Approaches
Length - 0.905 Mile
Contract Amount: $531,339.07
Contract Awarded: 5-21-75
Proceed Order Date: 6-11-75
Work Started: 6-27-75

COP Construction Company
Billings, Montana
Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Contract Time: 180 Working Days
Completion Date: 11-19-76

Checking of the final estimate and supporting data is approximately 99% complete, and it is estimated that all data will be transmitted to Helena by April 8, 1977

I 90-6(30)309, I 90-6(36)315 U-2
I 90-7(38)318
Rocky Canyon Safety, Bozeman Pass-West and Bozeman Pass-East (West Section)
Grade, Agg. Surf., Pl. Mix Base, Structure
Length: 7.0 Miles
Contract Awarded: 5-28-76
Contract Amount: $9,845,689.09
Proceed Order Date: 6-22-76
Work Started: 7-6-76

Goodfellow Brothers, Inc.
Wenatchee, Washington
Richard W. Saltzman, FPM
Phone: 587-4186 Bozeman
Contract Time: 300 Working Days
Probable Completion Date: 1978

Goodfellow Brothers, Inc. brought an HD-41 onto the project in an effort to rip the rock cuts between station 120 to 130, 150 to 155, and 162 to 164. The HD-41 was used four hours on 3-4 and two hours on 3-9. The contractor also has two D-9's working in the same areas. An eight man engineering crew is currently assigned to this project which is 25% complete with 30% of the contract time elapsed. The contractor has 212 working days of contract time remaining.

I 90-7(36)321 U-1
Bozeman Pass-East (East Section)
Length - 5.6 Miles
Grading, Agg. Surf, Pl. Mix Bit. Base
Fencing, Signing, Structures
Dual 123.0' Steel and Conc. Overpass
Dual 78.0' Steel & Conc. Overpass
Contract Awarded: 8-27-75
Contract Amount: $5,703,449.81
Proceed Order Date: 9-18-75
Work Started: 9-15-75

Clark Brothers Contractors
Victor, Montana
Larry O. Williams, FPM
Phone: 222-1965 Livingston
Contract Time: 250 Working Days
Probable Completion Date: 7-1-77

Progress has been poor with the contractor employing between one and twenty-two men and working five 8 hour shifts. The prime contractor has been hauling 1½" CBS to the westbound roadway between station 317 to 400. The hauling of 1½" CBS to the westbound roadway is complete, but there is a gravel windrow approximately 3 miles long. Some plant mix base aggregate was also hauled from the Voyich Pit to the contractor's centralized stockpile on the project. A two man fence crew was

erecting C/W fence left of eastbound lane from station 505 to 575 but operations were suspended on March 11. A thirteen man engineering crew is assigned to this project which is 78% complete with 57% of the contract time elapsed. The contractor has 116 working days of contract time remaining.

ROS 4144(52) U-2
Manhattan - Belgrade
Bridge End Guardrail
Length - 0.335 Mile
Contract Awarded: 2-24-77
Contract Amount: $34,016.70
Proceed Order Date: 4-18-77
Work Started:

Western Sign Corporation
Great Falls, Montana
Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman
Contract Time - 40 Working Days
Probable Completion Date: 4-22-77

The Preconstruction Conference was held on March 31, 1977. The contractor plans to begin work on April 11, 1977.

SMP 0499-77
Crush and Stockpile
Broadwater, Beaverhead & Gallatin Co.
Contract Awarded: 2-28-77
Contract Amount: $119,000.00
Proceed Order Date:
Work Started:

Jim Gilman Excavating, Inc.
Butte, Montana
Walter H. Deighton, Lab Supr. 3
Phone: 586-9562 Bozeman
Contract Time: 65 Working Days
Probable Completion Date:

The Preconstruction Conference was to be held in the Butte Division Office on March 18, 1977.

Respectfully,

Richard C. Holmes, PE, Supervisor
Division Construction Section

RCH:EJR:llm
cc: Gary A. Gilmore, PE, Division Traffic Engineer
Bozeman Division Office
Bozeman Division Lab

DEPARTMENT OF HIGHWAYS
GREAT FALLS, MONTANA
APRIL 4, 1977

Department of Highways
Helena, Montana

Progress Report
Division 3130

Gentlemen:

Herewith is the Progress Report covering work accomplished in Division 3130 during the period March 5, 1977 thru April 4, 1977.

GENERAL

Weather has been clear to overcast with heavy snow and blizzard conditions and temperatures ranging from 20° to 45°, causing intermittent work stoppage.

PRE-CONSTRUCTION

RF 25 (2) - Gt. Falls, Airport Access Rd.
Length: 0.7 miles - Cascade County
Design Started: June 2, 1975

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Dec. 31, 1977

No work during this reporting period. Design is 46% complete.

F 64 (15) - Gt. Falls East
Length: 9.537 miles
Design Started: Sept. 7, 1976

R. Fransen Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Dec. 31, 1977

Two men worked 15 man-days Plotting Ground Line and Topog. Design is 17% complete.

ER 72 (26) - Teton River Bridge-Chouteau Co.
Location Survey
Length: 0.17 miles
Survey Started: Feb. 24, 1977

D.D. Moore, - Mgr. F.P.U.
Great Falls - Phone #453-2573
Completed: March 14, 1977

Location Survey was completed March 9, 1977. Survey data was submitted to Preconstruction March 10, 1977 with Riprap and Filter Material information being submitted on March 14, 1977.

RS 77 (7) - Cascade - Ulm Loop
Location Survey
Length: 26.5 miles
Survey Started: January 12, 1976

F. Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Prob. Comp. Date: April 15, 1977

101 man-days used during this period taking Cross Sections, Running Levels, taking Topog. and Locationg Section Coners. The survey 63% complete with 1433 man-days used to date.

Department of Highways

April 4, 1977

F 80-1 ( ) - Overlay
Fort Benton - Geraldine
Length: 9.5 miles
Design Started: March 7, 1977

R. Fransen Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: April 29, 1977

2 men worked 27 days Preparing Plan Sheets, Summaries and Computing Quantities. Plans for the P.I.H. will probably be printed early next week. Design is 48% complete.

RS 220-1 (2) - Farmington - North
Length: 8.5 miles
Design Started June 21, 1971

R. Fransen Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: July 31, 1977

P.I.H. was held on March 8th. Two men worked 15 days making P.I.H. changes. Design is 52% complete.

RS 220-1 (2) - Agawam - North
Length: 3.6 miles
Design Started June 21, 1971

R. Fransen Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: July 31, 1977

There has been no work on this design since the P.I.H., which was held on March 8th. Design remains 50% complete.

RF 236 (8) - Dupuyer No. & So.
Teton & Pondera Counties
Location Survey
Length: 20± miles
Survey Started: Feb. 16, 1977

Tom Hammerbacker - Mgr. F.P.U.
Conrad - Phone #278-5412
Prob. Comp. Date: July 1977

Five man crew spent 51 man-days during period Running Centerline, Setting Control Points and Making P.I. Intersections. Survey is 10% complete with 85 man-days used to date.

RF 238 (13) - Bowman's Corner - Augusta
Location Survey
Length: 14.8 miles
Survey Started: December 27, 1976

Harry Strong - Mgr. F.P.U.
Great Falls - Phone #452-2361
PRob. Comp. Date: June 30, 1977

100 man-days used during this period Staking and Referencing Control Points, Running Levels & Cross Sectioning. Survey is 37% complete with 358 man-days used to date.

RS 348 (18) - 5 miles South of Fort Benton South
Location Survey
Length: 3.3 miles
Survey Started: February 18, 1976

G. Enderson - Mgr. F.P.U.
Conrad - Phone #278-5412

CHOUTEAU County Commissioners have removed this project from priority. Further work is in a hold pattern.

M 5201 (1) - 6th St. Great Falls
Part I - 100%
Part II - 98%
Route Location Study Report - 90%
Length: 1.3 miles - Cascade County
Design Started: Sept. 26, 1972

Wenzel & Co. - Consultants
Great Falls - Phone #453-5478

Part II (Station 40+65 to Station 68+00) Submitted final reproducibles for the signing and pavement marking plans on February 9, 1977. Received final review comments on the construction plans, cross sections and special provisions on Feb. 21, 1977. Proceeding to make the final review corrections on the construction plans.

Route Location Study Report (68+00 to Central Avenue West) Received notification to complete the report on February 16, 1977. Requested funds to complete the report on February 23, 1977, since the last contract increase did not include funds to complete the report. Waiting for approval of funds before commencing work on the report.

CONSTRUCTION

I 15-3(28) 168 & I 15-4(48) 182
Traffic Control Devices & Guard Rail Revisions
Jefferson & Lewis & Clark Counties
Contract Awarded: June 30, 1976
FHWA Concurrence: July 1, 1976
Contract Amount: $1,048,319.90

Apex Construction Inc., Contractor
P. O. Box 11306
Spokane, Washington 99211
Walt Smith - Mgr. F.P.U.
Cascade - Phone #468-2801
Comp. Time: 150 Working Days
Prob. Comp. Date: July 1, 1977

Progress has been fair. Contractor resumed guard rail operations March 15, 1977, plans to begin removing median rail on Helena Hill when weather permits. Sub-contractor, Bozeman Sand & Gravel intend to resume work on or about April 1, 1977. Items and percent complete are: Remove Guard Rail, 85%; Guard Rail Posts, 81% and Guard Rail-Stl/Conc. Posts, 53%. The project as a whole is 63% complete with 52% of the contract time elapsed. Construction layout is 90% complete with a 4 man engineering crew engaged in layout and inspection. Itermittent lane closures in the Helena area.

I 15-5(64) 238 U-1 - Hardy Crk. Ramps
I 15-5(50) 239 U-1 - Cascade N. & S.(N.Sect.)
Add 2 lanes
Cascade County
Length of Project: 2.9 miles
Contract Awarded: Feb. 28, 1977
FHWA Concurrence: Feb. 28, 1977
Amount of Contract: $459,725.41

Hilde Construction Company
P. O. Box 2287
Great Falls, MOntana 59403
D.D. moore - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 100 Working Days

Progress has been poor. Preconstruction conference was held in the Great Falls Division Office March 15, 1977. Prime Contractor Hilde Construction Company plans plans to begin work on or about August 1, 1977. Sub-contractor Swan & Son, Inc. started work on March 23, 1977, removing controlled access fence between Station 176+00 and Station 270+00, employing 6 men 1-8 hour shift per day.

However, due to winter blizzard conditions are presently shutdown. Items and percent complete are: Move & Reset Fence, 2%. The project as a whole is 1% complete with 0% of the contract time elapsed. Construction layout is 40% complete with a 6 man engineering crew engaged in staking, inspection and other projects.

I 15-5(50) 239 U-2
Cascade North & South
1 Structure & Approaches on Add 2 Lanes
Cascade County
Contract Awarded: January 27, 1977
FHWA Concurrence: January 31, 1977
Work Started: February 24, 1977

Cop Construction Company
P. O. Box 1938
Billings, Montana 59103
K. Minehan, Mgr. F.P.U (Structure)
D. Moore, Mgr. F.P.U. (Approaches)
Great Falls - Phone #453-2573
Comp. Time: 110 Working Days
Prob. Comp. Date: July 31, 1977

Structures - Progress has been fair. Excavation for Bents 2,3 and 4 has been done and test piles driven. Service pile and test pile (Bent 1) to be driven as soon as weather permits. The structure is 3% complete with 0% of the contract time elapsed. Construction layout is 50% complete with a 3 man engineering crew engaged in layout, inspection and testing.
Approaches - Progress has been fair. Sub-contractor Bob Clark & Son Fencing worked 5-8 hour shifts completing the Removal and Resetting of controlled access fence. Sub-contractor Hilde Construction Company started work March 7, 1977 moving Uncl. Exc. from cut area Sta. 1695+ and placing material at each end of the Structure Sta. 1726+50. Contractor completing the Bridge Embankment fill March 15, 1977. Items and percent complete are: Mobilization, 100%; Exc. Uncl., 100%; Compaction-Roadbed, 100%; Haul, 100% and Fencing, 100%. The approaches are 90% complete with 0% of the contract time elapsed. Construction layout is 100% complete with a 6 man engineering crew engaged in inspection, testing and other projects.

I 15-5(50) 239 U-3
Cascade North & South
3 Structures & Approaches on Add 2 Lanes
Cascade County
Contract Awarded: July 30, 1976
FHWA Concurrence: July 30, 1976
Amount of Contract: $741,639.13
Work Started: August 19, 1976

Cop Construction Company
P. O. Box 1938
Billings, Montana 59103
K. Minehan, Mgr. F.P.U. (Structures)
D. Moore, Mgr. F.P.U. (Approaches)
Great Falls - Phone #453-2573
Comp. Time: 150 Working Days
Prob. Comp. Date: July 31, 1977

Structures - Progress has been fair. STructure 1842: deck formed with re-steel in place. Structure 2095: deck formed with re-steel in place. Structure 301: deck is bejng formed, presently 50%+ complete. The structures are 63% complete with 41% of the contract time elapsed. Construction layout is 90% complete with a 3 man engineering crew engaged in layout, inspection and testing.
Approaches - There has been no progress, subcontractor Kraus Construction Company suspended all operations December 23, 1976, plans to resume work as soon as the prime contractor, Cop Construction Company completes the County Road structure at Station 301+80.5. Sub-contractor Swan & Son, Inc. has some control access fence to install at two of the three structures. Items and percent complete are: Exc. Uncl., 90%; Compaction-Roadbed, 90% and Haul, 90%. The approaches are 75% complete with 41% of the contract time elapsed. Construction layout is 100% complete with a 6 man engineering crew engaged in other projects.

Department of Highways

April 4, 1977

BRF - TQX 218 (18)
Repair Fire Damage (10-14-75)
S.B. Bridge - Sun River - Gt. Falls
Cascade County
Contract Awarded: July 30, 1976
FHWA Concurrence: July 30, 1976
Amount of Contract: $329,654.68
Work Started: August 20, 1976

Frontier Construction Company
P. O. Box 1242
Missoula, Montana 59801
T. Tomich, Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 130 Working Days
Prob. Comp. Date: May 15, 1977

No work during this reporting period. Contractor not expected to resume work until May. Items and percent complete are: Repair Str., 98%,; Conc., 98%; Reinf. Steel, 100%; Br. Rail CO#2, 90% and St. Steel, 100%. The project as a whole is 97% complete with 46% of the contract time elapsed. Construction layout is 99% complete with a 2 man engineering crew engaged in other projects.

I 15-6(15) 297 U-1 - Dutton No. & So.
5.494 miles, Grade, Aggr. Surf., Plant Mix
Signing and Fencing
Teton County
Contract Awarded: March 26, 1974
Amount of Contract: $2,743,068.92
Work Started: June 19, 1974

Schultz & Meyer Construction Co.
Billings, Montana 59101
T. Hammerbacker, Mgr. F.P.U.
Conrad - Phone #278-5412
Comp. Time: 360 Calendar Days
Work Completed: Nov. 5, 1976

The project was completed November 5, 1976, using 92% of the contract time elapsed. Final Estimate was submitted to the Helena office on March 8, 1977.

I 15-6(20) 304 - Teton River - N.&S.(S.Sect.)
4.3 miles Grading, Surfacing & Structures
Teton County
Contract Awarded: March 2, 1976
Contract Amount: $4,028,676.22
Work Started: April 1, 1976

Hilde & Maronick Const. Co.(Jv) Contr.
East Helena, Montana
S. Newton, Mgr. F.P.U. (Road)
K. Minehan, Mgr. F.P.U. (Structure)
Brady - Phone #753-2581
Comp. Time: 275 Working Days
Prob. Comp. Date: July 30, 1977

Roadway - Progress has been fair. Contractor producing, placing and laying 1½ CBS on North Bnd. Main Line. Areas that were ready have been seeded, fencing is 75%± complete. All operations shut down due to weather. Items and percent complete are: Fencing, 75%; Seeding, 90%; Riprap Items, 95% and 1½" CBS, 26%. The project as a whole is 65% complete with 39% of the contract time elapsed. Construction layout is 89% complete with a 7 man engineering crew engaged in inspection and testing. Structures - Progress has been good. Teton River Structures: the contractor has applied both coats of protective paint on S.B. Structures and first coat on N.B. Separation at Sta. 788: contractor placed deck re-steel and poured deck. The structures are 88% complete. Construction layout is 95% complete with a 2 man engineering crew engaged in layout, inspection and testing.

I 15-6(16) 308 - Teton River - N.&S.(N.Sect.)
2.8 miles, Gr.; Aggr. Surf.; Pl. Mix Bit. base; Pl. Mix Bit. Surf.; Signing; Prestressed Conc. Grider Gr. Separation
Teton County
Contract Awarded: July 28, 1975
Contract Amount: $2,070,763.97
Work Started: September 9, 1975

Hilde & Maronick Const. Co., (Jv) Contr.
East Helena, Montana
S. Newton, Mgr. F.P.U. (Road)
K. Minehan, Mgr. F.P.U. (Structure)
Brady - Phone #753-2581
Comp. Time: 180 Working Days
Prob. Comp. Date: May 30, 1977

Roadway - Progress has been fair. Fencer & Seeder completed all area that was ready, will have to return when detour crossing is removed. Prime contractor general cleanup throughout project, plans to begin Plant Mix work April 7, 1977, depending upon when gravel operation resumes on Teton River South Section. Items and percent complete are: Fencer, 98% and Seeder, 98%. The project as a whole is 87% complete with 84% of the contract time elapsed. Construction layout is 88% complete with a 3 man engineering crew engaged in layout and inspection.
Structure - Final inspection was made November 23, 1976. Supporting data was submitted to Division office January 28, 1977. This portion of project is 100% complete, with a 2 man engineering crew engaged in other assignments.

I 15-6(14) 311 & I 15-7(11) 312
Pershing South and Brady - N. & S.
11.5 miles Gr., Agg. Surf., Pl. Mix Bit. Base, Pl. mix Bit. Surf., Lengthen 2 Add two Lanes - Teton & Pondera Counties
Contract Awarded: June 5, 1975
Contract Amount: $3,754,385.95
Work Started: July 16, 1975

Hilde & Maronick Const. Co.(Jv) Contr.
East Helena, Montana
S. Newton, Mgr. F.P.U. (Road)
K. Minehan, Mgr. F.P.U.(Structure)
Brady - Phone #753-2581
Comp. Time: 240 Working Days
Prob. Comp. Date: May 30, 1977

Progress has been fair. Fencing and seeding contractors completed all related items. Prime contractor general cleanup throughout project. Bit. Curb remains to be placed. Western Signs: cleanup and field paint sign posts. Seed and Fert. State optioned gravel pit remains to be completed when reclaimed. Items and percent complete are: Fencer, 100% and Seeding, 99%. The project as a whole is 99% complete with 83% of the contract time elapsed. Construction layout is 99% complete with a 3 man engineering crew engaged in inspection and final estimate data.
Structures - Structures are 100% complete, with a 2 man engineering crew engaged in other assignments. The Supporting Data was submitted to Division office January 24, 1977.

I 15-7 (18) 330
E. Frtg. Rd. - Valier Jct. No. & So.
Pondera County
13.84 miles: Grading, Agg. Surf., Pl. Mix Bit. Base, Seal and Cover
Contract Awarded: Nov. 3, 1976
Contract Amount: $1,219,920.50

McIntyre Const. Co. & S. Birch Inc. (Jv)
Great Falls, Montana
Tom Hammerbacker, Mgr. F.P.U.
Conrad - Phone #278-5412
Comp. Time: 140 Working Days
Prob. Comp. Date: August 1977

Progress has been good. Construction started March 21, 1977 (1-9 hour shift). Two scrapers working on Mile 5, Sta. 12+80 to Sta. 50+00. Stockpiling topsoil and hauling embankment. Pipe being laid at Sta. 13+00 and Sta. 30+60.

Fencing sub-contractor began March 21, 1977 placing temporary fence through the project and building permanent fence on the Lt. side Sta. 53+00 to Sta. 64+90. Items and percent complete are: Grader-Motor Hrs., 5%; Scraper Hrs., 1%; Pipe Installations, 13% and Fencing, 6%. The project as a whole is 3% complete with 0% of the contract time elapsed. Construction layout is 97% complete with a 7 man engineering crew engaged in layout, inspection, testing and location survey.

RS - 434 (3)
Conrad - West
Pondera County
2.3 miles of Grading, Graveling & Surfacing
Contract Awarded: June 30, 1976
Contract Amount: $877,194.60

Hilde Construction, Inc. Contr.
P. O. Box 2287
Great Falls, Montana 59403
Tom Hammerbacker, Mgr. F.P.U.
Conrad - Phone #278-5412
P. O. Box 1301
Conrad, Montana 59425
Comp. Time: 110 Working Days
Prob. Comp. Date: July 1, 1977

No work during this reporting period. Contractor plans to resume when weather will allow. The project as a whole is 93% complete with 70% of the contract time elapsed. Construction layout is 100% complete with a 7 man engineering crew engaged in other projects.

SMP 5099-77
Maintenance Crushing
Cascade, Chouteau, Lewis & Clark & Teton Counties
Contract Awarded: Feb. 28, 1977
Contract Amount: $195,450.00

Mortensen Construction Company
P. O. Box 1626, Great Falls, Mt.
Glen Enderson, Mgr. F.P.U.
Great Falls Phone - #453-2573
Comp. Time: 100 Working Days

The contract was let on February 24, 1977, and awarded on February 28, 1977, to Mortenson Construction Company of Great Falls, Montana. Tentative starting date is between April 1, 1977 and April 15, 1977.

James T. Sullivan - P.E. -
Supvr. - Division Construction Section

JTS/MRB/ac

Progress Report
Division 3230

STATE OF MONTANA - DEPARTMENT OF HIGHWAYS
HAVRE, MONTANA

April 1, 1977

State of Montana - Department of Highways
Helena, Montana

Gentlemen:

Following please find Division 3230 progress report for the period ending April 1, 1977.

G E N E R A L

The weather this past reporting period has been generally favorable with some snow. The temperatures have ranged from -2° to +75°.

P R E C O N S T R U C T I O N

RS 12 (20), Turner-Canadian Line
11.0 miles, Blaine County
Preliminary Engineering

L. D. Nelson, E.O. I
Havre, Montana
Telephone No. 265-6821

No work on this project during the past reporting period. Design as a whole is 10% complete with 20 man days used to date.

RS-133 (2) Havre-North
10.0 miles, Secondary Rte. 233
Location Survey

L. D. Nelson, E.O. I
Havre, Montana
Telephone No. 265-6821

No work on this project the past reporting period. Design as a whole is 40% complete.

RS 357 (12) Valier-East
7.2 miles, Pondera County
Location Survey

James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022

A six man engineering crew worked six man days cross-sectioning between Station 340+00 and 365+00. Centerline and bench levels are 100% complete, topography is 91% complete, check levels are 90% complete and cross-sections are 79% complete. The survey was suspended on March 4, 1977 due to working on other projects. A total of 229½ man days have been worked to date and the location is 57% complete.

RS 459 (1) Sunburst-East
10.0 miles, Toole County
Preliminary Engineering

Hugh Klepzig, Fld. Proj. Mgr.
East Glacier, Montana
Telephone No. 226-5811

No work on this project this reporting period. The survey was suspended on March 7, 1975. The assigned engineering crew is working on other projects.

C O N S T R U C T I O N

RS-12 (19) Harlem-Turner
Canadian Line
6.8 miles, Blaine County
Grade, gravel surf., and
pl. mix bit. base
Contract Let: 6/10/76
Contract Amount: $811,910.99
Work Started: 7/23/76

Gus M. Albert
Miles City, Montana
George Nelson, Fld. Proj. Mgr.
Wolf Point, Montana
Contract Time: 140 working days.
Probable Completion Date: 6/10/77

No work on this project this reporting period. Two men worked 8½ mandays on final earth work quantities and related items. Earthwork quantities were forwarded to the Division office for checking on 3/25/77. The balance of the engineering crew is assigned to other projects.

U-95 (17) Gildford-Havre-East
U.S. 2 - Havre-Hill County
1.3 mi. grade, gravel, pl. mix surf.,
and stm. sewer
Contract Let: 3/1/76
Contract Amount: $1,434,327.32
Work Started: 4/5/76

Baltrusch Construction Co., and
Affiliates, Havre, Montana
Samuel Hatty, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 160 working days
Probable Completion Date: 7/1/77.

No work on this project this reporting period due to a winter shutdown. The project as a whole is 62% complete with 82% of the contract time elapsed.

RF 132 (13), Joplin-West
6.154 miles grade, gravel surf.,
and pl. mix surf.
Contract Let: 5/15/75
Contract Amount: $1,758,756.12
Work Started: 9/24/75

Meyer Construction Company
Billings, Montana
Hugh Klepzig, Fld. Proj. Mgr.
East Glacier Park, Montana
Telephone No. 226-5811
Completion Date: 10/15/76

One to two men are working on final quantities. Final is estimated to be 75% complete and will be transmitted to the Division office approximately April 11, 1977.

RF-62 (14), & RF-132 (14)
Shelby-Chester, Chester-West
5.36 mile grade, aggr. surf.
Surf. storm sewer, signing & lighting
Contract Let: 12/18/75
Contract Amount: $1,849,676.03
Work Started: 3/26/76

Baltrusch Construction Co., &
Affiliates, Havre, Montana
Al Ullrich, Fld. Proj. Mgr.
Chester, Montana
Telephone No. 759-5329
Contract Time: 200 working days
Probable Completion Date: 7/1/77

There has been no progress by contractor this reporting period due to winter shutdown. Unclassified excavation and related items are complete except for final cleanup and finishing. Drainage items and gravel surfacing are 100% complete. Curb and gutter is 97% complete and sidewalk is 30% complete. Bridge widening was completed 11/9/76. The project as a whole is 85% complete with 66% of the contract time elapsed. A five man engineering crew is working on notes in office and R/W monumentation of projects RF-132 (13), 62 (14), and 132 (14).

I-IG 15-8 (25) 379
Sunburst-Canadian Line
Sweetgrass South-Sunburst South
Gr., agg. surf., pl. mix
Bit. base, pl. mix bit.
Surf. structures, safety
Correction & pl. mix overlay
19.1 miles - Toole County
Contract Let: 5/27/76
Contract Amount: $4,388,263.28
Work Started: 7/29/76

Hilde Construction Co., Inc. &
Maronick Construction Co., Inc. (J.V.)
East Helena, Montana
Harold D. Kelly, Fld. Proj. Mgr.
Shelby, Montana
Structures:
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 215 working days
Probable Completion Date: 9/30/77.

STRUCTURES:
Progress has been fair. The subcontractor, Sletten Construction Co., worked 16 eight hour shifts with up to 11 men employed. Decking and reinforcing steel is complete on structures at Sta. 1419 and Sta. 1439. The backwalls have been poured on Sunburst Interchange structure Sta. 1419. Structure footings, at Sta. 1644 McVey Interchange, Nos. 2, 3, and 4 have been layed out and shot for structure excavation as per plans. The subcontract as a whole is 54.6% complete. A one to three man engineering crew are presently computing screed rail grades for Sta. 1419 and 1439, and are engaged in inspection on the project.
ROADWAY:
The contractor started moving back on the project on March 14, 1977. The contractor is working ten 9 hour shifts per week with 42 men employed. 48,913 C.Y. of Uncl. Exc. and 15,603 C.Y. barrow was placed between Sta. 1578+00 to 1643+00 making embankment and related items 36% complete. Installed 114' of 24" C.S.P. at Sta. 1687+00 making culvert installation and related items 60% complete. The subcontractor, Clark and Son, resumed work on March 4, 1977 and worked 5½-9 hr. shifts with four men employed. Erected fence from Sta. 1408+05 to 1417+00 and 1761+00 to 1796+00. Fencing and related items are 77% complete. The project as a whole is 27% complete with 47% of contract time elapsed. A three to ten man engineering crew is bluetopping and inspecting contractor's operations.
UTILITY REVISIONS:
Marias River Electric has been notified, and has agreed to have their work completed by April 11, as construction work will be in progress in that area at that time. Burlington Northern R.R. installed three poles on 3/21/77 to redo their communications line as per agreement.

I-15-8 (28) 343 Unit 1
Toole County Line-North
8.33 miles grade, aggr. surf.,
pl. mix base, weigh station
and structures
Contract Let: 2/28/75
Contract Amount: $2,890,398.06
Work Started: 5/1/75

Hilde Construction Co., Inc. and
Maronick Construction Co., Inc.(JV)
Great Falls, Montana 59403
James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Structures:
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022

The contractor returned to the project on March 8, 1977 with up to 12 men employed on one 9 hr. shift per day. Hauled and placed 1058 tons of 1½" CBS, 941 tons of 3/4" CTS Type B and 659 tons of 3/4" CTS Type A making these items 100% complete. The surfacing as a whole is 98% complete. Installed an 18" x 64' CSP for the approach left of PTW Sta. 492+30. Started installing the Type A riprap for the culverts at Sta. 231+90 and 275+80. Drainage items as a whole are 99% complete. The contractor is finishing the roadway to bluetops between Sta. 276+00 and 562+90. Work on the project was suspended on March 28 due to a snow storm. The project as a whole is 94% complete with 91% of the contract time elapsed. An eight man engineering crew is assigned to the project.

I-15-8 (28) 343 U-2
Toole County Line North
1-Prestressed conc. girder underpass
& dual prestressed overpass
Contract Let: 4/4/75
Contract Amount: $471,462.28
Work Started: 8/18/75

Sletten Construction Company
Great Falls, Montana
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 150 working days
Completion Date: 9/2/76.

The construction notes have been sent to the Division office for checking and have been returned. Work on final estimate will continue as time permits. Engineering personnel are engaged on other projects.

I-15-8 (28) 343 Unit 3
Toole County Line-North
Dual 481.5' prestressed conc.
Girder Bridge and Emb. Approaches
Contract Let: 8/15/74
Contract Amount: $1,487,575.18
Work Started: 10/11/74

Meyer Construction Company
Billings, Montana
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 424-2022
Contract Time: 235 working days
Completion Date: 10/30/76

The construction notes have been sent to the Division office for checking and have been returned. Work on final estimate will continue as time permits. Engineering personnel are engaged on other projects.

I-15-8 (33) 343
Toole County Line-North
8.314 mi. agg. surf.,
pl. mix bit. surf. & signing
Contract Let: 10/28/76
Contract Amount: $2,176,268.12
Work not started

Empire Sand & Gravel Construction Co.
Billings, Montana 59103
James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 180 working days
Probable completion date: 11/15/77.

No work on this project this reporting period.

RF-FLH 353 (15)
Two Medicine Bridge-East
5.7 mi. Glacier County
Grade, aggr. surf., pl. mix base,
pl. mix surf., fence & sign
Contract Let: 9/30/76
Contract Amount: $2,476,655.06
Work not started.

Hilde Construction Co., Inc.
Great Falls, Montana
Hugh Klepzig, Fld. Proj. Mgr.
East Glacier Park, Montana
Telephone No. 226-5811
Contract Time: 170 working days
Probable Completion date: 11/15/77

Contractor has not moved onto project yet. A five man engineering crew completed slope staking, on March 25, 1977. Staking notes will be sent to Helena on April 1, for IBM Processing. Engineering crew measured 4 miles of fence for removal, for a total of 6 miles measured.

TQX-464-1 (2) 19 U-1
Browning-Babb (Duck Lake Road)
Structures & Approaches
0.2 mi. Glacier County
Contract Let: 1/27/77
Contract Amount: $127,436.90
Work not started

E. F. Matelich Construction Company
Kalispell, Montana
Albert Bonner, Fld. Proj. Mgr.
Browning, Montana
Contract Time: 90 working days
Probable completion date: 8/31/77

A preconstruction conference was held in the Havre Division office on March 22, 1977. The contractor has not yet moved onto the project. A five man engineering crew worked five days on construction layout.

HHS 1-6 (1) 384
U.S. 2 East of Havre
Intersection Improvement
Grade, Aggr. Surf., pl. mix
Bit. surf.
0.325 mi. Hill County
Contract Let: 12/16/76
Contract Amount: $84,728.80
Work not started

Baltrusch Construction Inc. & Aff.
Havre, Montana
Samuel Hatty, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 30 working days
Probable Completion Date: 6/15/77

There has been no engineering work on this reporting period. A preconstruction conference was held on Monday, 3/7/77. The construction layout is 75% complete.

F-1-6 (2) 382
U.S. 2- Havre (E. Section)
1.9 miles, Hill County
Grade, gravel surf., pl. mix surf.,
and storm sewer
Contract not let

Samuel Hatty, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6821

A five man engineering crew spent 42 mandays on the construction layout. The centerline and R/W layout is 75% complete. The staking is 50% complete and construction layout as a whole is 10% complete.

SMP 5199-77
Various Roads
Crush & Stockpile
Blaine, Glacier, Pondera
and Toole Counties
Contract Let: 1/27/77
Contract Amount: $98,070.00
Work Started: 2/24/77

Hilde Construction Co., Inc.
Great Falls, Montana
William Neely, Lab. Supv. III
Havre, Montana
Telephone No. 265-6821
Contract Time: 55 working days
Probable completion date: 4/15/77

The contractor completed all contract items on March 15, 1977. Seeding and fertilizing gravel pit sites remains to be completed. Contract quantities have been checked in the Division office and the final estimate will be submitted when pit reclamation is completed.

ROS 4144 (52) U-3 &
ROS 4144 (52) U-10
Havre-Simpson and
Fort Benton-Big Sandy
Bridge and Guardrail
0.149 miles
Hill & Chouteau Counties
Contract Let: 2/24/77
Contract Amount: $22,750.40
Work not started.

Western Sign Corporation
Great Falls, Montana
Unassigned
Telephone No. 265-6821
Contract Time: 30 working days
Probable Completion Date: 6/1/77

A preconstruction conference will be scheduled in the near future. Five mandays have been spent on construction layout which is 75% complete.

Respectfully submitted,

Hazen D. Flickinger

Hazen D. Flickinger, P.E., Supv. Division
Construction Section - Havre

HDF/JL/mh

UO APR 5 1977

DIVISION OFFICE
GLENDIVE, MONTANA
MARCH 31, 1977

CONSTRUCTION BUREAU

DEPARTMENT OF HIGHWAYS
Helena, Montana

PROGRESS REPORT
Division 4130

Herewith is the Construction News Letter for the period ending March 29, 1977.

GENERAL

Progress throughout the Division has been improving. The weather was mostly fair. Temperatures ranging from +10 degrees to +65 degrees.

PRECONSTRUCTION

5002-01-U60
Merrill Avenue to No. Anderson
Glendive-Dawson County

David A. McCloy, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-5296
Est. Comp. Date - April 15, 1977

During the past period a two to five man engineering party worked part time on this project. Work done consisted of picking up additional topog. and locating natural gas lines, finishing location map and bridge profile. Engineering layout is estimated 96% complete with a total of 143 mandays to date.

F-RF-245(12), SAVAGE-CRANE
Length - 8.0± Miles
Survey Started - December 11, 1972

David A. McCloy, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-5296
Est. Comp. Date - May 1, 1978

No work on this project during the past period. Fly line, centerline, bench levels and cross sections are 100% complete. Plotting plan and profile are 99% complete; irrigation and drainage items are 99% complete; and section ties are 99% complete. This survey remains 99% complete with 785 mandays used to date.

RF-325(9), SIDNEY-FAIRVIEW
Length - 11.6± Miles
Reconnaissance Survey

David A. McCloy, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-5296

No work done on this project during the past period. The survey as a whole is estimated to be 25% complete with 399 man days used to date.

RS-31(7), CIRCLE-NORTHWEST
Survey Authorized - March 20, 1974
Survey Started - September 17, 1975
Length - 10.524 Miles

H. D. Kelly, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Est. Comp. Date - April 30, 1978

Survey was suspended March 1, 1976 with 416.5 man days used to date. This survey is approximately 47% complete.

PRECONSTRUCTION

RS-302(24), BROCKWAY-SOUTH
Length - 9.9 Miles
Survey Authorized - March 20, 1975

Unassigned

Work will begin when personnel are available. A public hearing was held on Aug. 10, 1976.

RS-347(15), ALZADA-EKALAKA
2ND SECTION - 18.4 Miles
Survey Authorized - March 4, 1970

Unassigned

Targets were set and aerial photographs taken. A four man crew began work on photogrammetric ground control October 25, 1976. Eighty-eight man days used to date. Work has been suspended until Spring.

S-359(6), 2ND SECTION, MARSH-GLENDIVE
Length - 7.0 Miles
Survey Authorized - February 23, 1973
Design Started - March 26, 1976

Gerald L. Kuester, Designer II
Glendive, Montana - Phone 365-5296
Survey Comp. Date - February 20, 1975
Est. Design Comp. Date - June 30, 1977

During the past period 15 man days were used determining drainage recommendations, design of drainage culverts, plotting construction limits on R/W prints, and placing items on Summary Sheets and Linen Plan Sheets. Design is estimated 43% complete with 92 3/4 man days used to date.

RS-361(13), PRESSERVILLE-FAIRVIEW
Length - 6.0 Miles
Survey Authorized - Dec. 23, 1969
Survey Started - February 8, 1971
Survey Completed - April 6, 1971

Gerald L. Kuester, Designer II
Glendive, Montana - Phone 365-5296
Design Started - July 1, 1971
Estimated Design Comp. - Dec. 31, 1978

Design of this project remains 11% complete with 25 man days used to date.

CONSTRUCTION

I-IG-94-5(14)181, FALLON-DAWSON CO. LINE
I-94-5(17)165, POWDER RIVER RAMPS
I-94-5(18)174, TERRY-FALLON SAFETY
Length - 13.2 Miles
Grade, Agg. Surf., Plant Mix Surf.,
Signing and Structures
Contract Awarded - March 31, 1976
Amount of Contract - $5,750,377.63
Work Started - April 12, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, No. Dakota 58220
H. D. Kelly, Fld. Proj. Mgr. - Roadway
C. H. Neiffer, Fld. Proj. Mgr. - Str.
Glendive, Montana - Phone 365-5296
Contract Time - 260 Working Days
Prob. Comp. Date - November 30, 1977

Work was resumed on this project March 7, 1977 by the Prime Contractor Joe Mayo & Son, Inc. employing from 6 to 33 men for seventeen 8 or 9 hour shifts. The first ten shifts were spent crushing and stockpiling 1" Type III Plant Mix and ½" Cover Material. Grading operations were resumed March 21, 1977 with the stripping and stockpiling of 4095 cu. yds. of topsoil making this item 67% complete and the placing of 42,630 cu. yds. of unclassified excavation, making this item 48% complete. Structure sub-contractor Swingen Construction also resumed work on March 7, 1977 employing from 6 to 17 men for sixteen 8-hour and one 4-hour shift depositing concrete for Wing Footings on Abutment No. 4 Westbound on Bridge over B.N.R.R., also the forming is about 90% complete for the entire structure and concrete was deposited for diaphragms on Span No. 1 of the Eastbound Bridge over the B.N.R.R. Contractor plans to pour the deck on this structure as soon as weather permits. The finishing of superstructure concrete is also in progress on the Yellowstone Grade Separation structure. Project as a whole is 57% complete with 136 working days or 52% of the contract time elapsed. Construction layout remains 91% complete with 8 engineers and 3 inspectors employed this past period.

I-94-5(15)183 UNIT 2
FALLON-DAWSON COUNTY LINE
Fabrication and Erection of Structural Steel
Contract Awarded - March 31, 1975
Amount of Contract - $3,344,000.00
Work Started - September 22, 1975

Pittsburgh Des Moines Steel Co.
1015 Tuttle St., Des Moines, Iowa
A. J. Kuntz, Field Project Manager
Glendive, Montana - Phone 365-5296
Contract Time - 130 Working Days
Prob. Comp. Date - April 30, 1977

No work has been in progress this past period. The only work remaining to be done is covering of side anchors with topsoil and some minor repair of bruises and chips in concrete units. This work will be done when weather conditions are more favorable. Project as a whole remains 99.9% complete with 57 working days used or 44% of the contract time elapsed. Final estimate and supporting data is 98% complete and the completed portion has been checked in the Division Office.

I-94-5(15)183 UNIT 3
FALLON-DAWSON COUNTY LINE
Completing Superstructure on Dual Bridges
Contract Awarded - Jan. 27, 1977
Amount of Contract - $1,005,548.41
Work Not Yet Started

Weyher Construction Company
P.O. Box 628, Salt Lake City, UT. 84110
A.J. Kuntz, Fld. Project Manager
Glendive, Montana - Phone 365-5296
Contract Time - 150 Working Days
Prob. Comp. Date - June 1, 1978

A Preconstruction meeting was held in the Glendive Division Office March 9, 1977. Contractor stated at that time that construction operations would start about April 1, 1977. To date, some forming materials have been delivered to a storage area in Fallon but no equipment has been delivered. Engineer presently engaged on both Unit 2 and Unit 3 construction notes.

I-LSI-94-6(27)192
BAD ROUTE REST AREA
Single Rest Area & Landscaping
Contract Awarded - June 24, 1974
Amount of Contract - $187,685.20
Work Started - August 7, 1974

Rainmaker, Inc.
1831 Main, Billings, Montana 59101
H. D. Kelly, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 120 Calendar Days
Prob. Comp. Date - May 2, 1977

The project was conditionally accepted July 11, 1975 and was opened to the public on July 18, 1975. Acceptance is conditional as per Special Provision 17.44, Plant Establishment Period ending September 1, 1976. The contractor has not been present for any of the monthly inspections of the plants. All inspections have been made by the Project Manager with written reports of the findings being submitted to the contractor. The contractor has advised that none of the 35 various shrubs and trees that require replacement can be obtained this planting season. Therefore plant replacement will probably not be completed until the Spring of 1977. The project remains 99% complete with 100% of the contract time elapsed. The final notes and white prints have been checked in the Division Office.

PROGRESS REPORT

CONSTRUCTION

I-94-6(23)202, GLENDIVE-WEST
I-94-6(28)209, GLENDIVE-EAST & WEST
Length - 14.1 Miles
Grade, Drain, Agg. Surf., Plant Mix Surf.
Signing, Guard Rail and Structures
Contract Awarded - July 10, 1975
Amount of Contract - $4,665,317.65
Work Started - August 4, 1975

Joe Mayo & Son, Inc.
Box 310, Cavalier, N. Dakota 58220
Dennis C. Tenney, Fld. Proj. Mgr. - Rdwy.
Ken Quale, Fld. Proj. Mgr. - Structures
Glendive, Montana - Phone 365-2877
Contract Time - 240 Working Days
Prob. Comp. Date - June 1, 1977

Prime contractor Joe Mayo & Sons, Inc. remain shutdown for the winter. Subcontractor Swan & Son worked various miscellaneous shifts on concrete ford left of mainline Sta. 3120+ on Sand Creek, employing from 2 to 5 men. Also began construction on "A" Ave. overpass chain link fence. The project as a whole remains at 93% complete with 204 days used or 84% of the contract time elapsed. Construction layout is 97% complete, with 1 to 3 men in the field office checking various construction notes.

I-94-6(29)226 UNIT I
GLENDIVE-WIBAUX CO. LINE WEST(EAST SECTION)
Length - 6.339 Miles
Grade and Structures
Contract Awarded - October 1, 1976
Amount of Contract - $1,619,125.62
Work Started - November 22, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, N. Dakota 58220
David A. McCloy, Fld. Proj. Mgr. - Rdwy.
Ken Quale, Fld. Proj. Mgr. - Structures
Glendive, Montana - Phone 365-5296
Contract Time - 160 Working Days
Prob. Comp. Date - November 1, 1977

During the past period Prime Contractor Joe Mayo & Son, Inc. employed 9 to 11 men for three 8-hour shifts hauling and placing Uncl. Exc. at Bridge Ends at Sta. 1102+ to 1106+. Sub-contractor Swan & Son started fencing Rt. Sta. 1232+ on farm fence employing four men for one 8-hour shift. Bridge sub-contractor F.L. Flynn & Co. employed 7 to 12 men for twenty 8-hour shifts. Work consisted of placing Class "AD" Concrete for footings on Abut. No. 4, Abutment and wingwalls on Abuts. No. 1 and 4, also columns on Bent. No. 2 (Structure at Sta. 1217+50 W.B.) for a total to date of 92.4 cu. yds. or 10% complete. Forming work in progress for deck slab on westbound Str. at Sta. 1217+50. Structure at Sta. 1105+14.13 (WB) excavated for footings on all Bents. Prebored Holes on Bents No. 1 and 4 and drove 5 treated timber test piles. Project total to date quantities are: Structure Exc. 341 cu. yds. or 52% complete; Prebore Holes 180 lin. ft. or 100% complete; treated timber test pile, 5 driven for 85% complete; Reinf. Steel, 10,062 lbs. covered for 6% complete. The project is estimated at 3% complete with no contract time charged to date. Six to ten engineers employed this past period.

RF-246(21)
LINDSAY-NORTH AND SOUTH
Length - 9.6 Miles
Grade, Aggr. Surf., Plant Mix Surf. & Drain
Contract Awarded - June 13, 1975
Amount of Contract - $1,446,967.13

Gus M. Albert, Contractor
Box 370, Miles City, Montana 59301
David A. McCloy, Field Project Manager
Glendive, Montana - Phone 365-5296
Contract Time - 220 Working Days
Comp. Date - November 5, 1976

The project was completed November 5, 1976 with 201 of 237 calendar days or 85% of the contract time elapsed. Final estimate is 95% complete. Checking of final estimate and supporting data in the Division Office is 70% complete.

PROGRESS REPORT CONSTRUCTION

RF-391(16), LAMBERT-EAST & WEST
Length - 43.2 Miles
Plant Mix Bitum., Surf. & Seal Cover
Contract Awarded - May 3, 1976
Amount of Contract - $1,767,363.50
Work Started - June 7, 1976

Earth Builders, Inc.
Box 838, Bismarck, North Dakota
James Baldwin, Field Project Manager
Culbertson, Montana
Contract Time - 110 Working Days
Prob. Comp. Date - June 1, 1977

No work this past period. All items remain at 100% complete with the exception of sealing and final pavement marking. The crushing crew had planned to return to the project this winter to crush and stockpile cover aggregate, however extreme low temperatures have changed these plans. The project as a whole is 75% complete with 63 days or 57% of the contract time elapsed. The engineering crew is engaged on another project.

RS-128(12), WIBAUX COUNTY LINE-NORTH
Length - 5.722 Miles
Grade, Aggr. Surf., Pl. Mix Base & Drain
Contract Awarded - May 17, 1976
Amount of Contract - $1,089,598.12
Work Started- August 2, 1976

Neshem-Peterson, Inc.
Box 68, Berthold, N. Dakota 58718
James Baldwin, Field Project Manager
Culbertson, Montana
Contract Time - 160 Working Days
Probable Comp. Date - June 30, 1977

Very minor progress this past period. Two man sub-contractors crew began work on culvert headwalls on March 24, excavated for cutoff walls at Station 2700± and 2739±, placed 4 cubic yards of "DD" concrete in headwalls at Station 2700±. Prime contractor plans on resuming work about the first week in April. Items and percent complete are: Unclassified Excavation 72%; Culverts 53%; Fencing 95%; Riprap 91%; "DD" Concrete 31%. The road portion of the contract is 40% complete. No work by the bridge crew, all work on the bridge, (except protective deck coat and hand rail painting), is 100% complete. The bridge portion of the project is 97% complete. The project as a whole is 45% complete with 97 days or 60% of the contract time elapsed. The construction layout is 100% complete. Engineering crew engaged on other projects. One man on concrete inspection.

RS-128(14), 9 MI. NORTH OF WIBAUX-NORTH
Length - 4.5 Miles
Grade, Agg. Surf., Drain
Contract Awarded - May 21, 1975
Amount of Contract - $502,201.62
Work Started - July 3, 1975

Neshem-Peterson, Inc.
Box 68, Berthold, N. Dakota 59718
Dennis C. Tenney, Field Project Manager
Glendive, Montana - Phone 365-2877
Contract Time - 150 Working Days
Comp. Date - September 23, 1976

This project was completed on September 23, 1976 with 184 calendar days or 121% of the contract time elapsed. Final estimate submitted to Helena. This is the final report on this project.

PROGRESS REPORT

CONSTRUCTION

RS-302(23), TERRY-BROCKWAY
Length - 5.467 Miles
Grade, Aggr. Surf., Plant Mix Bitum. Base
Seal and Cover and Signing
Contract Awarded - March 31, 1976
Amount of Contract - $1,085,633.08
Work Started - May 24, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, N. Dakota 58220
B. F. Kelly, Field Project Manager
Glendive, Montana - Phone 365-5296
Contract Time - 180 Working Days
Prob. Comp. Date - June 1, 1977

Progress this past period has been good. Contractor Joe Mayo & Son, Inc. worked seven 8-hour shifts and two 9-hour shifts employing 5 to 21 men. Work consisted in placing 53,000 cu. yds. of Uncl. Exc. making a total to date of 250,000 cu. yds. or 69% complete. Culvert crew installed a total of 455 ln. ft. of 48" CSP making a total to date of 749.0 Ln. Ft. making this item 100% complete. Contractor placed 306.9 cu. yds. of bedding material making a total to date 1053.3 or 100% complete. The project as a whole is 45% complete with 137 working days used or 76% of the contract time elapsed. Construction layout with three men working is estimated to be 83% complete.

RS-394(3) WEBSTER-WEST
Length - 10.036 Miles
Grade, Aggr. Surf. & Prestressed Con. Gir. Bdg.
Contract Awarded - November 19, 1976
Amount of Contract - $1,142,475.92
Work Not Yet Started

McIntyre Const. & S. Birch, Inc.
P. O. Box 2167, Great Falls, Mont. 59403
Dennis C. Tenney, Field Proj. Manager
Glendive, Montana - Phone 365-2877
Contract Time - 150 Working Days
Prob. Comp. Date - Oct. 28, 1977

Prime Contractor McIntyre Construction Company and S. Birch, Inc. have not yet begun operations, but with weather permitting they will begin construction operations on April 4, 1977. Construction layout with 10 to 15 men staking project is estimated at 70% complete.

Respectfully,

Bruce Russell, Supervisor
Division Construction Section

BR/sb

DEPARTMENT OF HIGHWAYS
Wolf Point, Montana
April 1, 1977

PROGRESS REPORT

Department of Highways
Helena, Montana

Division 4230

Gentlemen:

The following Construction Progress Report is for the period ending April 1, 1977.

GENERAL

The weather has been cool with measureable amounts of rain and snow this past period. Road construction has been suspended for the winter. Off system roads and signing projects have also been suspended. The temperatures ranged from a low of 18 degrees to a high of 59 degrees.

PRECONSTRUCTION

F 1-8( ) Dodson-Malta (Overlay)
Approximately 9 Miles in Length
Authorized--01-28-77
Design Started--02-02-77

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Est.Compl.Date--04-15-77(PIH)

Five man days were used in design this past period. A total of 17 man days have been used on design to date. Design is approximately 45% complete.

RF 001-9-(001) 6.44.2, Culbertson-Diamond Creek
Proposed Culvert Installation
Location Survey Started--10-04-76
Location Survey Completed--12-15-76

James E. Baldwin,Field Proj.Mgr.
Culbertson, Montana
787-5701

No work on construction layout this past period, crew engaged on other projects. Plan to begin on construction layout the week of April 4,1977.

F 193(22), Plentywood-South
Approximately 10 Miles in Length
Authorized--05-27-70
Location Survey Started--12-09-74
Survey Suspended--04-26-76
Survey Resumed--11-22-76

James E. Baldwin,Field Proj.Mgr.
Culbertson, Montana
Est.Compl.Date--03-31-78

Six man crew worked 97 man days this past period locating, making recordations and tying section corners in miles 3 through 10, and completed plotting centerline profile. Percentage complete on the 10.1 mile survey are as follows. Centerline, bench levels, centerline profile, and profile plotted 100% complete; section ties 80% complete. Progress slow because of scarcity of original corners and the need of extensive recordation procedures. The project as a whole is 60% complete with 534 man days used to date. Estimated date of completion is March 31, 1978.

RS 239(5), Nashua-North
Approximately 8 Miles in Length
Authorized--10-08-74
Location Survey Started--01-07-75
Location Survey Completed--01-14-77

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Design Started--01-17-77
Est.Compl.Date--05-30-77 (PIH)

Twenty-four man days were used on location survey working on line revision at beginning of project. Location survey is 95% complete. Design started 01-17-77. No man days were used on design this period. The total remains at 24 man days used to date on design which is approximately 5% complete. The line revision at the beginning of the project is according to recommendation to follow P.T.W. closer.

TQS 250-1(2)37, Wolf Point N&E LOOP
Formerly S 98(3)
Approximately 6 Miles in Length
Authorized--12-28-76
Design Started--01-04-77

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050

Proposed plans submitted to Helena for PIH prints on 01-10-77.

RS 257(5), Tampico-Glasgow
Approximately 8 Miles in Length
Authorized--12-01-71
Location Survey Started--05-20-74
Survey Suspended--06-21-74
Survey Resumed--01-30-75
Survey Suspended--04-22-75
Survey Resumed--01-12-76
Design Started--03-22-76

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Act.Compl.Date--04-02-76(Location)
Est.Compl.Date--12-15-76(PIH)

The location survey is 100% complete on the staked line. Ten man days were used on design this period. A total of 152 man days have been used to date on design. Plans are 50% complete and ready for PIH prints. Waiting for determination of which construction alternate will be proposed. Work this period consisted of computing quantities on a 25 Ft. offset line.

RF 266(11), Macon-North
Approximately 10 Miles in Length
Authorized--11-04-76
Location Survey Started--01-11-77

Duane J.Novakovich,Field Proj.Mgr.
Wolf Point,Montana
653-1050
Est.Compl.Date--05-30-77

Fly line and centerline are 100% complete. Ownerships are 85% complete. The project as a whole is 17% complete with 115 man days used to date.

RF 266(14), Scobey-South
Approximately 11.4 Miles in Length
Authorized--01-22-75
Location Survey Started--01-13-77

George Nelson,Field Proj.Mgr.
Scobey, Montana
Est.Compl.Date--05-15-77

RF 266(14), Scobey-South (Cont'd)

A six man crew worked 86 man days this past period. Levels and check levels have been completed for 100% complete. Referencing of centerline points is 90% complete. Topog has been completed Stations 2075+00 to 2409+00 and 2459+00 to 2486+00 for 60% complete. Cross-sectioning has been completed Stations 2274+00 to 2280+00 and 2460+00 to 2485+00 including the bridge survey at the Poplar River for 10% complete. The survey as a whole is 46% complete with 271 man days used to date.

F 273(16), Missouri River Bridge-South of Culbertson
Approximately 0.2 Miles in Length
Authorized--05-13-76
Location Survey Started--

James E. Baldwin,Field Proj.Mgr.
Culbertson, Montana
Est.Compl.Date--05-15-77

No work on bridge site survey this past period. Crew engaged on other projects.

CONSTRUCTION

RS 15(17) & RS 202(6), Poplar-North and Brockton-North
Contract Let--05-13-76
Contract Awarded--05-17-76
Proceed Order Date--06-07-76
Work Started--08-11-76
Bid Price--$342,345.22

Earth Builders, Inc.
Bismarck, North Dakota
Duane J.Novakovich,Field Proj.Mgr
Wolf Point, Montana
653-1301
Working Days--60
Prob.Compl.Date--06-15-77

There was no progress the past period. The only work remaining on contract items is seal, cover and traffic striping. Project is 85% complete with 95% of the project time elapsed. One engineering personnel working periodically checking field notes for supporting data.

RF 153(12), U-1, US #2-Dodson
0.3 Miles in Length
GR.AGG.SURF.,ROAD MIX SURF.,& STRUCTURE
Contract Let--08-12-75
Contract Awarded--08-28-75
Proceed Order Date--09-18-75
Work Started--10-31-75
Bid Price--$396,059.08

Baltrusch Constr.,Inc.& Affiliates
Havre, Montana
George L. Nelson,Field Proj.Mgr.
Malta, Montana
654-1391
Working Days--120
Prob.Compl.Date--06-01-77

Work on project consisted of repairing a break and then replacing 17' of asbestos pressure pipe with 6" cast iron water line. The project remains 86% complete with 84% of the contract time elapsed. One engineering personnel assigned part time to the project. Balance of personnel assigned to other projects.

RF 240(13), Lighting on US 2 East-Wolf Point
0.53 Miles in Length
Contract Let--06-10-76
Contract Awarded--06-15-76
Proceed Order Date--07-06-76(See S.P.1B)
Work Started--09-24-76
Bid Price--$36,969.00

Midland Electric Co.,Inc.
Billings, Montana
Duane J.Novakovich,Field Proj.Mgr.
Wolf Point, Montana
653-1301
Working Days--45(See Special Prov.)
Act.Compl.Date--03-25-77

Progress this past period consisted of placing 3464' of copper conductor wire for a total to date of 10,424' or 100% complete. Project is 100% complete with 44% of the contract time elapsed. Two contractor employees worked 5- 8 hour shifts. One state employee was engaged on the project. Final supporting data turned in to the Division Office on 03-30-77.

SMP 2899-76, Maintenance Stockpiles
McCone, Prairie, Roosevelt & Wibaux Counties
Crush & Stockpile
Contract Let--11-18-76
Contract Awarded--11-19-76
Proceed Order Date--12-10-76
Bid Price--$224,375.00
Work Started--12-10-76

Francis Tindall, Contractor
Lewistown, Montana
Leroy Anderson, Mat'l Supr.
Wolf Point, Montana
653-1050
Working Days--120
Est.Compl.Date--04-30-77

Crushing in Pit No. 4010-10, Prairie County, is complete but has not been hauled to the stockpile site. Pit No. 2840-35, McCone County, is 100% complete. In Pit No. 4330-58, Roosevelt County, 8,600 ton of ½" crushed top surface was produced for a total to date of 12,000 ton or 100% complete. In Pit No. 2820-44, McCone County, 12,000 ton was produced for a total to date of 12,000 ton or 100% complete. Six to eight contractor employees worked 20- 9 hour shifts. Project as a whole is 70% complete with 48% of the contract time elapsed. Two to three state employees are engaged on the project.

Vernon D. Borden

Vernon D. Borden,P.E.,Supr.
Division Construction Section

VDB:RH:jh

cc: Field Project Managers
Don Williams
File

DEPARTMENT OF HIGHWAYS
Billings, Montana

April 4, 1977

CONSTRUCTION BUREAU

Following is a report on Highway Preconstruction and Construction projects in Area Function 5130 for the report period ending April 4, 1977.

GENERAL

Temperatures ranging from +15 to +40 degrees prevailed during the reporting period. A varying amount of precipitation was received throughout the area. Fair progress has been reported on the construction projects.

PRECONSTRUCTION

I-90-8(77)455
Johnson Lane - Billings
Length 1.00 Miles
Survey Authorized 1-18-77
Work Started 1-20-77

D. C. Kittelson, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 5-1-77

Centerlines on the Base Lines for Ramps No. 1, 2, 3 & 4 and Johnson Lane have been completed. All Centerlines have been plotted on the hardshell. Cross-sections and profiles have been completed on Base Lines for Ramps No. 1, 2, 3 and 4 and Johnson Lane. The Section ties have been completed and are being plotted on the hardshell. All Property ties have been completed and are plotted on the hardshell. Topography has been completed on Ramp No. 1, 2, 3 and 4 and Johnson Lane and is being plotted on the hardshell. Ownerships have been gotten and signatures from the Property Owners for the Permission to Survey forms have all been acquired. A six man survey crew and one man in the office is working on the hardshell and a total of 64.5 man days was used this reporting period for a total of 199.5 man days used. The field survey work is 100% complete and the office work is 75% complete. The survey as a whole is 85% complete.

I-90-9(49)510
Custer Battlefield Intch. Revision
Length 0.5 Miles
Survey Authorized 6-11-76
Work Started 12-1-76

Raymond Schaak, Fld. Project Mgr.
Garryowen, Montana
Phone No. 638-2255
Completion Date 12-13-77

All requested data has been forwarded to the Preconstruction Bureau.

U 53(18)Wicks Ln.-Bench Blvd.
Length 1.0 Miles
Design Started 2-2-76

James M. Young, Designer II
Billings, Montana
Probable Completion Date 11-30-77

One man worked on this project during the last reporting period, designing drainage structures. Design work is 27% complete and the estimated completion date is November 30, 1977.

M 1020(1) 1st Ave. North
Billings Division to 22nd
Length 1.1 Miles
Survey Authorized 2-10-75
Work Not Started

Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 12-1-77

Survey will commence as soon as personnel are available. Project is 0 % complete.

RF 134(11) Laurel - South
Laurel to Rockvale
12.0 Miles Reconnaisance
Survey Authorized 1-16-76
Work Started 2-2-76

Michael Zahn, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 12-1-77

Workwas suspended on February 20 and will continue when personnel are made available. Project is 2% complete.

RS-132(7) Billings - South
8.2 Miles - Location Survey
Survey Authorized 2-26-76
Survey Started 2-14-77

Gerald Loran, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 6-1-77

Twenty-five Man days were used re-running the centerline with the electronic distance measuring device and turning the angles with a theodolite. Sixteen man days were used to complete and check the levels. Fourteen man days were used locating sub division property pins. Four man days were used x-sectioning. The project is 27% complete.

S 45(12) Brandenberg - Garland
8.743 Miles Design Work
Design Started 5-5-75

James M. Young, Designer II
Billings, Montana
Probable Completion Date 1-31-79

No work was accomplished on this project during the last reporting period. Design work is 52% complete and the estimated completion date is January 31, 1979.

RS 129(15) Columbus - North
3.6 Miles
Survey Authorized 12-10-75
Survey Started 12-22-75

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 4-1-82

No work was charged to design on this project during the last reporting period. Survey data has been received by the design section, a drainage survey is yet to be made by the location survey crew. No design work as of this date. The estimated completion date is April 1, 1982.

S 252(4) Rosebud South (North Section)
8.239 Miles Design Work
Design Started 2-2-76

James M. Young, Designer II
Billings, Montana
Probable Completion Date 3-25-77

Three employees worked on this project during the last reporting period. Final plans were checked and inked and submitted to Helena for final design checking. Design work is 90% complete. This is a final report.

S 260(10) Lodge Grass - St. Xavier
6.495 Miles Design Work
Design Received 9-30-74

James M. Young, Designer II
Billings, Montana
Probable Completion Date 5-20-77

No work was accomplished on this project during the last reporting period. Design work is 50% complete and the estimated completion date is May 20, 1977.

DP 50(7) Sarpy Creek Road - South Section
8.682 Miles Design Work
Design Started 2-4-77

James M. Young, Designer II
Billings, Montana
Probable Completion Date 3-3-77

Three employees worked on this project during the last reporting period. Final plans were inked and checked and submitted to Helena for final checking March 3, 1977. Design work is 90% complete. This is a final report.

DP 50(7) Sarpy Creek Road
Photogrammetric Control 27±
Date Authorized 9-28-76
Survey Started 12-21-76

John Miner, Fld. Project Mgr.
Hysham, Montana
Phone No. 342-5317
Probable Completion Date 5-1-77

A six man engineering crew worked six man days locating section corners this reporting period completing this project. 259 man days have been used on this project. The control work is 100% complete.

DP 314-1(1) Decker Railroad Crossing
1.0 Miles - Location Survey
Survey Authorized 3-8-77
Survey Started 3-17-77

Raymond Schaak, Fld. Project Mgr.
Garryowen, Montana
Phone No. 638-2255
Probable Completion Date 5-30-77

A five man Engineering crew worked three days running centerline, making transit ties to the railroads and setting bench levels. The project is 22% complete.

DP 334(26) Crow Agency - Busby
Photogrammetric Control 27.4 Miles
Date Authorized 12-3-75
Survey Started 12-22-75

Raymond Schaak, Fld. Project Mgr.
Garryowen, Montana
Phone No. 638-2255
Probable Completion Date 12-1-77

A five man engineering crew worked one day on bridge site surveys on the first eight mile section of the project. The remainder of the reporting period was spent working on the construction project I-90-9(28) 509 U-1 and DP-314-1 (1). The project is 74% complete.

CONSTRUCTION

I-IG 90-8(64)391 U1 & I-90-8(70)388 U3
Reedpoint - East
7.7 Miles-Grading, Agg. Surf., Pl. Mix
Bit. Base Surf., & 284' Structure
Amount of Contract - $3,273,435.74
Work Started - 6-26-76
Contract Awarded 6-5-75

Clark Brothers, Contractor
Victor, Montana
Don Taylor, F.P.M. - Structures
Michael Zahn, F.P.M. - Roadway
Billings, Montana
Phone No. 252-4138
Contract Time: 260 Working Days
Probable Completion Date 5-15-77

The contractor did not work on the project during this period. All of the items are 100% complete except for some patching and some clean-up work. The project is 99% complete with 80% of the contract time elapsed. A two man engineering crew worked one week on final quantities.

I-90-9(28)509 U1 and I-90-9(34)491 & FI 188(10) Garryowen North & South	Wickens Brothers and Empire Sand & Gravel Co's., Contractors
8.1 Miles of Grading Agg.	Billings, Montana
Surf., Pl. Mix Surf., Fencing	Raymond Schaak, Fld. Project Mgr.
Signing & Related Items	Phone No. 638-2255
Contract Let 4-24-75	Garryowen, Montana
Amount of Contract - $4,304,984.48	Contract Time: 280 Working Days
Work Started 6-12-75	Probable Completion Date 6-30-77

Work for the past two weeks consisted of Schmoll Construction, Inc. with two men for three 8 hour shifts working on the Eastbound Bridge across the Little Big Horn River, on the revised bridge guardrail. Empire Sand and Gravel had three men over-hauling their hot plant for the past two weeks. The contract as a whole is 82% complete with 82% of the contract time elapsed. Two men are working in the office on the field notes, computations and white prints for the construction projects. The survey crew is relocating signs in the Crow Agency Interchange area.

I-90-9(48)500 Crow Agency Frontage Rd.	Empire Sand & Gravel, Contractor
8.3 Miles Agg. Surf., Plant Mix Base	Billings, Montana
Amount of Contract - $370,789.95	Raymond Schaak, Fld. Project Mgr.
Contract Let 12-18-75	Phone No. 638-2255
Contract Awarded 12-23-75	Garryowen, Montana
Work Started 8-23-76	Contract Time: 120 Working Days
	Probable Completion Date 5-30-77

The project is now under seasonal shutdown due to time limitations for Seal Coat Operation. The project as a whole is 89% complete with 80% of the contract time elapsed.

I-94-1(37)50 Unit 1	Sletten Construction Co.
Structure and Approaches Bighorn	Great Falls, Montana
River 0.22 Miles Yellowstone & Treasure Co's.	Kenneth W. Hartman, Fld. Project Mgr.
Contract Awarded 2-28-77	Phone No. 252-4138
Amount of Contract - $1,007,315.91	Billings, Montana
Work Not Started	Contract Time: 210 Working Days
	Probable Completion Date: 12-1-77

The contractor is moving equipment and materials on the project and started erecting construction signs for traffic control. Structure and approach staking and computations are 1% complete. Thirty-two man days have been charged to the project this reporting period.

I-94-2(17)60 U1 & I-94-2(19)56	Empire Sand & Gravel Company
Hysham East and West	Wickens Brothers (JV)
21.6 Miles of Add 2 Lane	Billings, Montana
Gr., Agg. Surf., PMBB & PMBS	John T. Miner, Fld. Project Mgr.
Signing and Structures	Hysham, Montana
Contract Let 5-29-75	Phone No. 342-5317
Amount of Contract - $4,998,829.68	Contract Time: 300 Working Days
Work Started 7-3-75	Probable Completion Date 7-1-77

Wickens Brothers, Contractor, worked eight days, six days placing fibergrass roving I-94-2(19)56, and two days fencing borrow pit left Station 810+00. Five men were employed working nine hour shifts. Empire Sand & Gravel Co., Inc., contractor worked five days crushing base surfacing. In addition they worked two days hauling and placing base surfacing. Eighteen men were employed working eight hour shifts. Twelve employees

are presently assigned to this project. Construction layout remains 62% complete. Percent complete of the various items are unchanged since last report and are as follows. Grading 97%, Surfacing 33%, Drainage 94%, Structure 97%, Fencing 76%, Signing 10%, Project as a whole 60%. 230 of the allotted 303 working days have now been used, making 67% of the contract time elapsed.

RF 108(16) Billings - North
Billings - Roundup
6.9 Miles - Yellowstone Co.
Gr., Agg. Surf., Pl. Mix Surf.
Drain and Structures
Contract Awarded 8-24-76
Amount of Contract - $2,418,157.90
Work Started 10-19-76

McEachern Const., Co., Contractor
Butte, Montana
Roddo Bakich, Fld. Project Mgr.
Phone No. 248-4050
Billings, Montana
Contract Time: 160 Working Days
Probable Completion Date 8-1-77

Good progress. The contractor worked ten 8-hour shifts hauling 55,000 cubic yards of Unclassified Excavation between Stations 176+00 , 187+00, between Stations 222+00 and 236+00, and placing topsoil on slopes between Stations 312+00 and 340+00. The pipe crew installed the 60" x 230' SSPP at Station 173+30 and two 8" perforated CSP at Stations 34+00 and 35+60. The structure crew worked nine 8-hour shifts and one 3-hour shift driving 424 lineal feet of piling and puring 33 cubic yards of concrete for the footings of Bents #1 and 2 on the structure at Station 69+62. The contractor also worked ten 8-hour shifts hauling 50,000 cubic yards of Unclassified Excavation between Stations 153+00 and 229+00 and placing topsoil on slopes between Stations 299+00 and 312+00. A crew worked on the structures nine 8-hour shifts and one four hour shift. At Station 39+84 the footings were excavated, 600 Lin. Ft. of steel bearing piles were driven and 31 Cu. Yds. of concrete were placed in the footings of Bents No. 1 and 2. Five 60 Ft. prestressed beams were erected at Station 69+92. The contractor plans to erect beams at Station 39+84 and erect deck slab and backwall forms at Station 69+92 in the next two weeks. Bozeman Sand & Gravel Co., sub-contractor worked twenty 8-hour shifts crushing and stockpiling 87,000 tons of 1½" Gr. 5A aggregate. 24,500 tons of the material was hauled to the roadway between Stations 237+00 and 356+00. Swan & Sons, sub-contractor, worked four 8-hour shifts erecting the fence on the right side between Station 70+00 and Station 155+30. On the roadway items the grading is 45% complete, drainage items are 40% complete, fencing is 85% complete, and surfacing items are 11% complete. On the structure items, the Class AD Concrete is 22% complete, Prestressed Beams-Type A, 60 Ft. are 100% complete, Structure Excavation is 85% complete, piling items are 100% complete and Reinforcing Steel is 13% complete. The structures as a whole are 32% complete. The project is 25% complete with 13% of the contract time elapsed. A total of 40 men were employed. Twelve persons were assigned to the project for engineering and inspection of roadway items, and a three man crew was engaged in structure layout and inspection. The structure layout is 40% complete and the roadway engineering layout is 22% complete.

RF 188 (9) Center Ave. & 3rd St.
Hardin Streets
Gr., Agg. Surf., PMBB, Pl. Mix
Surf., Curb and Gutter, Drain
Sign and Light
Contract Awarded 4-2-76
Amount of Contract - $1,490,610.15
Work Started 4-22-76

Cop Construction Co., Contractor
Billings, Montana
Donald C. Kittelson, Fld. Project Mgr.
Hardin, Montana
Phone No. 665-3995
Contract Time: 180 Working Days
Probable Completion Date 5-1-77

The contractor worked three eight-hour shifts with five men employed, three ten-hour shifts with nine men employed and one eight-hour shift with three men employed this reporting period. Work in progress consisted of cleanup behind the curbs, placing of topsoil and miscellaneous work. Striping of crosswalks, parking lanes and stop lines remains to be done and it is expected that this will be completed in the near future. A winter shutdown is in effect. The seeding also remains to be done. The miscellaneous items are 85% complete. Grading items remain 97% complete. Curb and Gutter items are 100% complete. Signing and Lighting items remain 95% complete. Fencing items are 100% complete. The project as a whole is 95% complete with 139 days of the 186 working days allowed having been used or 75% of the contract time elapsed. Five man survey crew has been re-marking for striping. One man has been working in the office and inspecting cleanup work. The subcontractor Mark Rite Line worked three nine-hour shifts with three men employed. Engineering layout is 100% complete.

M 1006(1) Broadwater Avenue
12th to 14th St. West-Billings
Gr. Drain, Agg. Surf., Pl. Mix
Surf., and Sign 0.3 Miles
Contract Awarded 5-28-76
Contract Amount - $407,470.75
Work Started 7-8-76

Cop Construction Co., Contractor
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 90 Working Days
Probable Completion Date 6-1-77

The prime contractor, Cop Construction Company, had four men employed and worked four eight-hour shifts grading the vacant lot at the southwest corner of 12th St. W. and Broadwater Avenue and grading for new 4" and 6" sidewalk and doing general clean up work. The subcontractor, Barry O'Leary, Inc., had four men employed and worked four eight-hour shifts forming and pouring 6" sidewalk Lt. of Broadwater Avenue and forming 4" sidewalk. Sidewalk-Concrete 6" is approximately 55% complete. All other items remain the same as previously reported. Contract time elapsed has been 98 working days or 98% to date and five working days remain, with the contractor on a winter shut-down. Thirteen working days have been added through Change Orders. Engineering time charged to the project has been 28 man-days during the past reporting period. The project as a whole is approximately 91% complete.

M 1008(2) Central Ave. Ramp
Gr. Drain Agg. Surf., Pl. Mix
Surf., Conc. Structure, Light
and Sign 0.443 Miles
Contract Awarded 6-4-76
Contract Amount - $337,781.47
Work Started 6-30-76

Sletten Construction Co., Center
Great Falls, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 150 Working Days
Probable Completion Date 6-1-77

No work was done on the project during the past reporting period and all items remain the same as previously reported. Contract time elapsed has been 100 working days or 66% to date and 51 working days remain. The contractor is currently on a winter shut-down. Engineering time charged to the project during the past reporting period has

M 1008(2) Central Ave. Ramp Cont.

been 0 man days. The project as a whole remains approximately 79% complete.

M 1018(2) & M 1009(2) U2
Interm Couplet 4th & 6th Ave. No.-Billings
Gr., Agg. Surf., Pl. Mix Surf., Signs & Signals
Contract Amount - $128,510.00
Contract Awarded - 10-29-76
Work Not Started

Midland Electric Co.
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 90 Working Days
Probable Completion Date 6-1-77

The prime contractor, Midland Electric Company, had two men employed and worked six eight-hour shifts pushing 2" Steel Conduit at the intersections of 4th Avenue N., 13th Stree and 6th Avenue N. and North 13th St. They also pushed 1" Steel Conduit across 6th Avenue N. between North 17th St. and North 18th St. for the Changeable Copy Sign. Conduit Steel 1" Rigid is approximately 45% complete and Conduit Steel 2" Rigid is approximately 75% complete. No other items have been used during the past reporting period. No contract time has been used during the past reporting period. Engineering time charged to the project has been ten man days. The project as a whole is approximately 2% complete.

TQS 308-1(2)4 Red Lodge - Belfry
3.0 Miles - Grading, Agg. Surf.,
Bit. Base, Signing, in Carbon County
Contract Let 3-31-77
Work Not Started

Contractor Unknown
Michael Zahn, Fld. Project Mgr.
Red Lodge, Montana
Phone No. 446-1805
Contract Time: 150 Working Days
Probable Completion Date 12-1-77

A four man engineering crew worked four days setting up a field office, checking plans and running grades.

RS 129(14) Columbus-Rapelje
4.345 Miles-Grading, Agg. Surf.
Pl. Mix Bit. Base, Signing and
91.25' Structure
Amount of Contract - $1,348,465.14
Contract Awarded 6-5-75
Work Started 6-30-76

Meyer Construction Co., Contractor
Billings, Montana
Donald R. Taylor, F.P.M.-Structures
Michael Zahn, F.P.M.-Roadway
Phone No. 252-4138
Billings, Montana
Contract Time: 150 Working Days
Probable Completion Date 5-30-77

Sherrodd, Inc. worked on fencing items during this period. They worked eight-hour shifts with two men employed. Bridge Items are 100% complete. Grading Items are 100% complete. Surfacing Items are 91% complete. Seeding Items are 93% complete. Drainage Items are 100% complete. Guardrail Items are 100% complete. Signing and Striping Items are 43% complete. Fencing Items are 99% complete. Construction layout is 98% complete. The project is 98% complete with 92% of the contract time elapsed.

DP-384-1(4)0 Hardin East
19.0 Miles - Pl. Mix Bit. Base Overlay,
Seal & Cover, in Big Horn County
Contract Let 3-31-77
Work Not Started

Contractor Unknown
Donald Kittelson, Fld. Project Mgr.
Hardin, Montana
Phone No. 665-3995
Contract Time: 110 Working Days
Probable Completion Date: 8-1-77

Contract for this project has not been let as of this date but is scheduled for

letting on March 31, 1977. A five man survey crew began working on the project on March 21, 1977. The control points for the centerline and reference line has been run from Station 57+91.0 to 120+80.4. Engineering layout is 1% complete.

HHS 212(20) Lodge Grass - North
6.0 Miles Pl. Mix Bit. Base Overlay
Skid Correction
Big Horn County
Contract Amount - $322,491.40
Contract Awarded 5-14-76
Work Started 8-25-76

Empire Sand & Gravel Co., Inc.
Billings, Montana
Raymond Schaak, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 60 Working Days
Probable Completion Date 5-30-77

The project is now under seasonal shut down due to time limitations for seal coat operation. The project as a whole is 92% complete with 91% of the contract time elapsed.

HHS 4-2(1)52 U1 - Main St. & 1st Ave.-Laurel
Installation of traffic devices
0.01 Miles
Contract Amount $44,966.00
Contract Awarded 1-31-77
Work Not Started

Midland Electric Co.
Billings, Montana
Michael Zahn, Fld. Project Mgr.
Phone No. 252-4138
Contract Time: 45 Working Days
Probable Completion Date 5-30-77

The contractor has not started work. No engineering personnel have been assigned to the project. The project is 0% complete with 0% of the contract time elapsed.

Respectfully Submitted,

C. W. Klimper, P.E., Supervisor
Division Construction Section

CWK/JBR/st

DEPARTMENT OF HIGHWAYS
Division Office
Miles City, Montana
April 1, 1977

Department of Highways
Helena, Montana

Progress Report
Division 5230

Following is the Preconstruction and Construction Progress Report for the period ending April 1, 1977, for Division 5230 - Miles City, Montana.

GENERAL

Partly cloudy skies, occasional wind, and periods of precipitation prevailed during the past period. Temperatures ranged from 20° to 70°. 2 to 10 inches of snow were received throughout the Division March 28th and 29th. All construction projects are in fair to good travel condition.

PRECONSTRUCTION

F 39-1 (1) 13 - Colstrip-Lame Deer
Length - 7.5 Mi. Pl. Mix Overlay
Contract Not Let

Don L. Stewart, Field Project Manager
Miles City, Montana - Tel. No. 232-1093

A four-man engineering crew was assigned to this project March 21, 1977. To date centerline has been run on 4.0 miles or 53% complete. 34 man days have been used. Construction layout, with a 4-man engineering crew engaged, is 22% complete.

S 252 (4) - 8 Mi. So. of Rosebud-South
(South Section)
Length - 9.0 Miles
Survey Started: January 17, 1973
Survey Suspended: January 28, 1974
Survey Resumed: January 13, 1977

Delmer F. Borer, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Probable Completion Date: May 20, 1978

No work was performed on this location survey during the past period. To date, centerline has been run on 9.054 miles or 100% complete. Topography has been taken on 0.5 miles or 1% complete. The survey as a whole is 30% complete.

DP 252 (5) - Rosebud-South
(Ashland-Northwest Section)
Length - Approx. 28.3 Miles
Survey Started: August 28, 1975

Don L. Stewart, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Probable Completion Date: March 15, 1978

No work was performed on this project during the period. To date, ownerships have been checked and fly line run on 20.2 miles or 71% complete. 101 man days have been used. The survey as a whole is 5% complete.

DP 323 (16) - Colstrip to I-94
(Center Section)
Length - Approx. 12.8 Miles
Survey Started: January 13, 1976

Don L. Stewart, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Probable Completion Date: May 30, 1977
Survey Suspended: March 3, 1977

Field work was resumed on this photogammetry design survey January 17, 1977. Work in progress since that date has consisted of running centerline and levels on 12.8 miles and securing drainage areas on 6.0 miles. 109 man days have been used to date.

DP 323 (16) - Colstrip to I-94 (South Section)
Length 5.7 Miles
Survey Started: October 27, 1975

Don L. Stewart, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Orig. Survey Completed: March 9, 1976
Add. Work Resumed: December 13, 1976
Add. Work Completed: March 30, 1977

Due to planned industrial development in this area, another route is required left of Station 25+00 for the county road realignment. Also required is a realignment survey for a private coal haul road left and right of Station 39+00. Surveys for these realignments were completed during the past period and supporting data was submitted to Helena March 30, 1977. This will be a final report.

DP 362 (9) - Lame Deer-Colstrip (South Section)
Length - Approx. 9.0 Miles
Survey Not Started

Don L. Stewart, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Probable Completion Date: April 15, 1978

Authorization to make this location survey was issued June 18, 1976. Engineering personnel will be assigned when available.

DP 334 (27) - Lame Deer-Ashland
Length - Approx. 22.0 Miles
Survey Not Started

Field Project Manager - Unassigned
Probable Completion Date: April 15, 1978

Preliminary engineering for reconnaissance only was authorized June 18, 1975. Engineering personnel will be assigned when available.

RF 334 (28) - Ashland-East
Length - Approx. 20.4 Miles
Survey Not Started

Field Project Manager - Unassigned
Probable Completion Date: April 15, 1978

Authorization to make a ground control survey for design mapping was issued June 2, 1976. Engineering personnel will be assigned when available.

RS 460 (10) - Boyes-South on SR-544
Length - Approx. 8.0 Miles
Survey Started: November 17, 1975

Robert E. Swanson, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Probable Completion Date: February 15, 1978

No work was performed on this project during the past period. To date, right-of-entry permits have been secured, ownerships checked, and fly line established.

DP 466 (1) - Tongue River Bridge S.W. of Birney
Length - Approx. 0.5 Mile
Survey Not Started

Field Project Manager - Unassigned
Probable Completion Date: March 15, 1978

Authorization to make this bridge and approach survey was issued January 24, 1977. Engineering personnel will be assigned when available.

I 94-3 (29) 90 U-2 - Forsyth-E & W
Length - 5.745 Mi. Grad., Gravel Surf., Pl. Mix Bit. Surf., Fencing, Sign., 254.5' West Interchange Structure, & 304.5' South Frontage Road Structure
I 94-3 (31) 83 - Forsyth-West
Length - 15.616 Miles Plant Mix Seal
RRS 384 (8) - US 12-I Conn.-Forsyth
Length - 0.306 Miles Grad., Gravel Surf., Pl. Mix Surf., Sign., & 233.0' BN Overpass Structure
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $4,977,775.22
Work Started: July 20, 1976

Wickens Brothers, Contractor
Lewistown, Montana
Ray R. Garland, Field Proj. Mgr. (Roadway)
Walter D. Dane, Field Proj. Mgr. (Structure)
Forsyth, Montana - Tel. No. 356-2230
Contract Time: 300 Working Days
Probable Completion Date: Dec. 15, 1977

Progress during the past period has been good. 100,000 cubic yards unclassified excavation were moved making a total of 1,203,000 cubic yards or 84% complete. 198 lineal feet of CSP culvert have been placed making a total of 3,502 lineal feet or 96% complete. 598 lineal feet of RCP culvert were placed making a total of 970 lineal feet or 75% complete. 477,000 cubic yards of unclassified borrow have been moved or 95% complete. 2,391 rods of fence have been installed or 59% complete. 4,820 tons of plant mix type 3 have been placed or 10% complete. Plant mix seal is 80% complete. SSPP culvert is 100% complete. The contractor worked 15½ nine-hour shifts with 39 men employed. The structures as a whole are 59% complete. The contract as a whole is 61% complete with 38% of the contract time elapsed. Construction layout, with a 15-man engineering crew engaged, is 75% complete.

I 94-3 (27) 114 - Hathaway-E & W
Length - 5.6 Miles Grading, Aggregate Surfacing, Plant Mix Bit. Surf., & 244.5' Interchange Structure
Contract Let: October 30, 1975
Proceed Order: April 16, 1976
Amount of Contract: $2,053,896.79
Work Started: January 14, 1976

Wickens Brothers, Contractor
Lewistown, Montana
Delmer F. Borer, Fld. Proj. Mgr. (Roadway)
Jerry R. Branum, Fld. Proj. Mgr. (Structure)
Miles City, Montana - Tel. No. 232-1093
Contract Time: 200 Working Days
Probable Completion Date: July 30, 1977

Work in progress during the past period consisted of crushing and stockpiling 18,000 tons of 3/4" crushed top surfacing, making a total of 18,000 tons or 84% complete. To date, 34,668 tons of 1½" crushed base surfacing have been produced or 49% complete, 73,237 tons of 3" crushed base surfacing have been produced or 84% complete. The project as a whole is 82% complete, with 62% of the contract time elapsed. Construction layout is 85% complete.

RF 156 (15) - 14 Miles No. of Volborg-North
Length - 5.4 Miles Grading, Gravel Surf., and Plant Mix Surfacing
RF 156 (17) - 22.3 Miles SE of Miles City-NW
Length - 13.2 Miles Plant Mix Overlay
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $1,996,750.02
Work Started: July 7, 1976

Earth Builders, Inc., Contractor
Bismarck, North Dakota
Colin D. Murray, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 180 Working Days
Probable Completion Date: July 15, 1977

RF 156 (15) & (17) Continued.....

No work was performed on this project during the past period. To date, Project RF 156 (15) has been completed through the first lift of plant mix base and Project RF 156 (17) has been completed through the plant mix surfacing. Temporary centerline and shoulder line striping have been placed on both projects. The project as a whole is 59% complete with 67% of the contract time elapsed. Construction layout is 82% complete.

RF 157 (28) - Cohagen-South
Length - 5.433 Miles Grading, Agg. Surf. & Pl. Mix Bit. Surf.
Contract Let: October 28, 1976
Proceed Order: April 18, 1977
Amount of Contract: $1,258,220.14
Work Started: February 24, 1977

Earth Builders, Inc., Contractor
Bismarck, North Dakota
R. E. Swanson, Fld. Project Manager
Miles City, Montana - Tel. No. 232-1093
Contract Time: 160 Working Days
Probable Completion Date: Nov. 15, 1977

Progress during the past period has been poor. Grading operations were started March 21, 1977 with 20,000 cubic yards of unclassified excavation moved to date or 3% complete. 740 rods of type F2M farm fence were installed making a total of 740 rods or 41% complete. The prime contractor worked sixteen 8-hour shifts with an average of 10 men employed. Fencing subcontractor, Sherrodd Inc., worked sixteen 8-hour shifts with 2 men employed. The project as a whole is 2% complete with none of the contract time elapsed. Construction layout, with a 7-man engineering crew engaged, is 55% complete.

RF 407 (6) - Broadus-South
Length - 5.5 Miles Grad., Gravel Surf., & Plant Mix Bit. Surf.,; 11.4 Miles Seal & Cover and 29.4 Miles Delineation
Contract Let: May 15, 1975
Proceed Order: June 11, 1975
Amount of Contract: $1,259,213.07
Work Started: July 30, 1975

Earth Builders, Inc., Contractor
Bismarck, North Dakota
Robert E. Swanson, Field Project Manager
Miles City, Montana - Tel. No. 232-1093
Contract Time: 200 Working Days
Actual Completion Date: Nov. 4, 1976

All items were completed in conformance with Plans, Specifications, and Special Provisions November 4, 1976. Formal inspection and acceptance were made November 9, 1976. The final estimate was submitted to the Division Office February 22, 1977, and is currently 99% complete.

Kenneth G. Rapp, P. E.,
Supr.-Div. Constr. Section

KGR:DM:dk

cc: Div. File

CONSTRUCTION BUREAU

STATE OF MONTANA

DEPARTMENT OF HIGHWAYS

LEWISTOWN, MONTANA

April 1, 1977

State of Montana
Department of Highways
Helena, Montana 59601

PROGRESS REPORT
DIVISION 5330

Gentlemen:

The following report covers preconstruction and construction in Division 5330 for the period of March 5, 1977, through April 1, 1977.

GENERAL

The temperatures varied from 57 degrees above to 7 degrees above with 1.03 inches of precipitation recorded. Roads are in good travel condition.

PRECONSTRUCTION

F 8 (19) Martinsdale-East and Two Dot-West
Approximate Length: Martinsdale-East 5.7 Miles
Approximate Length: Two Dot-West 7.4 Miles
Survey Authorized: 5/26/70
Survey Started: 1/4/71
Survey Completed: 4/5/73

Mitch J. Miller
Designer II
Lewistown, Montana
Telephone: 538-8732

Martinsdale-East: Data processing sheets for Run No. 1 were received from the Preconstruction Section in Helena on 4/16/73. Bridge Situation Survey was submitted to Helena on 9/18/73. Drainage and Irrigation Notes, including field recommendations, were submitted to Helena on 9/18/73. Additional information will be submitted to the Hydraulics Section, Helena, when grades are adjusted to balance the project. Tracing Plan and Profile Linens remain 80% complete. The design as a whole is 6% complete with 12 man-days expended to date.

Two Dot-West: Bridge Situation Surveys were submitted to the Preconstruction Section in Helena on 9/18/73. Additional information was submitted to the Hydraulics Section, Helena, for their use in designing preliminary recommendations. I.B.M. Sheets for Run No. 2 were received from Helena on 9/29/76. Tracing Plan and Profile Linens remain 80% complete; plotting templates and computing volumes are 96% complete. The design as a whole is 25% complete with 129½ man-days expended to date.

RS 14 (12) Martinsdale to US 12
Approximate Length: 2.188 Miles
Survey Authorized: 8/30/74
Survey Started: 3/25/76
Survey Completed:

Ross M. Johnson
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

No work was performed on the project the past reporting period as personnel are presently working on construction projects in the Lewistown area.

RS 68 (7) PN-Lohse Ferry Bridge and Approaches
Secondary Route 236
Approximate Length: Unknown
Survey Authorized: 5/30/75
Survey Started: 12/13/76

Martin C. VanMil
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

Work during the past reporting period consisted of finishing taking topography, finishing the river cross-sections, finishing taking drainage topography, plotting the profile, plan, and cross-sections. Items and percentages complete are as follows: centerline, bench levels, cross-sections, topography, profile plotted, drainage topography, and bridge situation, 100%; section ties, 40%; field notes checked, 70%; plotting cross-sections, 95%; plan plotted, 10%. A total of 437 man-days have been expended and the survey is 90% complete.

RF 235 (38) Geyser-Stanford
Approximate Length: 12.51 Miles
Survey Authorized: 1/22/74
Survey Started: 1/6/75
Survey Suspended: 4/7/75
Survey Resumed: 1/22/76

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

Field survey work resumed on this project 1/17/77. Work the past reporting period consisted of completing taking topography, securing bridge situation and drainage data; plotting profile, plan, cross-sections, and bridge location layouts. Items and percentages complete are as follows: centerline, bench levels, land ownerships, cross-sections, topography, bridge situation and drainage, 100%; plotting profile, 90%; plotting plan, 80%; plotting cross-sections, 30%; plotting bridge situation data, 30%; checking field notes, 95%; section ties, 16%. A total of 613 man-days have been expended and the field survey work is 95% complete.

RF 235 (38) Stanford-East and West
Approximate Length: 8.00 Miles
Survey Authorized: 9/28/76
Survey Started: 1/31/77

Bruce H. Barrett
Field Project Manager
Hobson, Montana
Telephone: 423-5327

Work the past reporting period with a 5-man engineering crew assigned has consisted of running centerline between Station 418+00 to Station 443+00, running levels between Station 257±00 to Station 443±00 and cross-sectioning between Station 64±00 to Station 150±00. Items and percentages of completion are as follows: land ownerships, 100%; centerline and referencing of control

continued...

RF 235 (38) Stanford-East and West, continued...

points, 100%; level circut, 80%; cross-sections, 22%. 44 man-days were expended this reporting period for a total to date of 144. Work was curtailed on 3/24/77 due to construction requirements. The survey as a whole is 20% complete.

ER 72 (23) Lewistown-Southeast, Fergus County
Approximate Length: 0.445 Miles
Survey Authorized: 12/31/75
Survey Started: 7/20/76
Survey Suspended: 7/29/76
Survey Resumed: 9/27/76

Mitch J. Miller
Designer II
Lewistown, Montana
Telephone: 538-8732

All supporting data was submitted to the Division Office 11/15/76. Plotting and inking mylar and profile, plotting and inking cross-sections, tracing plan and profile linen are all 100% complete. 7½ man-days were used plotting summary sheets for 90% complete; designing Geology recommendations for 85% complete. The design as a whole is 65% complete with 53½ man-days expended to date. The design was submitted to Helena on 3/25/76 for P.I.H. prints. The P.I.H. date has tentatively been set for 4/7/77.

F 256 (35) Winnett-West
Approximate Length: 9.3 Miles
Survey Authorized: 2/14/72
Survey Started: 11/25/74

Robert A. Passow, S.E.T.
Field Project Manager
Roundup, Montana
Telephone: 323-2040

A 5-7 man engineering crew worked 82 man-days this reporting period. 43 man-days were spent taking topography; 9 man-days were spent searching for section-corners; 9 man-days were spent checking field notes; 3 man-days were spent plotting profile; 18 man-days were spent attending First-Aid, Defensive Driving, and Deferred Compensation meetings. Line run, levels run, BM's established and ownerships checked are 100% complete; cross-sections remain 98% complete; section ties and plan plotted are 33% complete; field notes checked are 60% complete; topography is 98% complete; profile plotted is 88% complete. The survey as a whole is 83% complete with a total of 369 man-days worked.

RS 462-2 (1) Rock Springs-Van Norman
Approximate Length: 14.0 Miles
Survey Authorized: 4/10/73
Survey Started: 9/10/73

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

No field work on the project for this reporting period. Centerline, bench marks set and levels run and checked, roadway cross-sections, topography taken, 100% complete. Field notes checked remain 90% complete; section ties remain 60% complete; drainage areas and drainage recommendations are 80% complete; bridge situation survey is 75% complete; plotting profile and plan is 100% complete. 11½ days were expended this reporting period plotting, checking and inking bridge situation sheets. A total of 670 man-days have been expended to date and survey remains about 96% complete.

continued...

RS 462-2 (1) Rock Springs-Van Norman, continued...

DESIGN: Tracing plan and profile linens are 90% complete; laying preliminary grades on profile remain 85% complete. The design as a whole is 8% complete with 36 man-days expended to date.

ER 72 (21) Melstone-Mosby
Approximate Length: ± 0.379 Miles
Survey Authorized: 1/27/76
Survey Started: 11/22/76

Mitch J. Miller
Designer II
Lewistown, Montana
Telephone: 538-8732

All supporting data was submitted to the Division Office on 1/5/77. P.I.H. was held 3/15-16/77. 10 man-days were used making P.I.H. changes for 100% complete. The design as a whole is 80% complete with 61 man-days expended to date. The completed design was transmitted to Helena on 3/29/77, and this should constitute a final report for this project. 6 man-days were used this reporting period completing the land ties for the project.

SRS 4148 (52) Various Locations
Grade Crossing Signals
Off-System

Utility Agreements for the Stanford and Windham Crossings were received by the Lewistown Office on 10/14/76 for the Windham Crossing, and 12/29/76 for the Stanford Crossing. The work on the Stanford Crossing was started 11/8/76, and was completed 2/24/77. Work was started on the Windham Crossing 4/1/77.

SRS 4148 (51) Yogo Inn Crossing-Lewistown
Grade Crossing Signals
Off-System

No agreement for the project has been received by the Lewistown Office.

M 7103 (1) Airport Road-Lewistown
Approximate Length: 1.7 Miles
Survey Authorized: 12/6/76
Survey Started:

Unassigned At This Time

No work on this survey to date.

M 7106 (3) Spring Street, 8th to 11th-Lewistown
Approximate Length: 1100.00 Feet
Survey Authorized: 12/6/76
Survey Started:

Unassigned At This Time

No work on this survey to date.

M 7109 (1) 4th Avenue-Lewistown — Unassigned At This Time
Approximate Length: 0.4 Miles
Survey Authorized: 9/28/76
Survey Started:

No work has been done to date on this survey. Work will begin when a crew becomes available.

RS 42 (12) 6 Miles Northwest-Jordan — Unassigned At This Time
Approximate Length: 8.0 Miles
Survey Authorized: 9/28/76
Survey Started:

No work has been done to date on this survey. Location and Design Public Hearing held 10/19/76 in Jordan.

F 61-4 (2) Slide North of Robinson Bridge on US 191
Approximate Length: ± 0.14 Miles
Survey Authorized: 11/16/76
Survey Started: 11/29/76

Mitch J. Miller
Designer II
Lewistown, Montana
Telephone: 538-8732

All supporting data was submitted to the Division Office on 12/16/76. P.I.H. was held 3/15-16/77. 2 man-days were used making P.I.H. changes for 100% complete. The design as a whole is 90% complete with 24 man-days expended to date. The completed design was transmitted to Helena on 3/21/77, and this should constitute a final report for this project.

F 57-4 (6) 158 Riprap Musselshell River
Length: ± 0.12 Miles
Survey Authorized: 3/16/77
Survey Completed: 1/5/77

Mitch J. Miller
Designer II
Lewistown, Montana
Telephone: 538-8732

P.I.H. was held 3/15-16/77. 3 man-days were used completing plans. The design as a whole is 95% complete with 10 man-days expended to date. The completed design was transmitted to Helena on 3/21/77, and this should constitute a final report for this project.

CONSTRUCTION

RF 8 (22) White Sulphur Springs-Harlowton
Length: 6.935 Miles
Grade, Gravel, Plant Mix Surface, and Drain
Meagher County
Contract Awarded: 10/3/74
Bid Price: $1,766,953.86
Work Started: 5/13/75

Hilde Construction Co. and
Maronick Construction Co. (JV)
Great Falls, Montana
Ross M. Johnson
Field Project Manager
Lewistown, Montana
Telephone: 538-8732
Contract Time: 180 Working Days
Completion Date: 11/19/76

continued...

RF 8 (22) White Sulphur Springs-Harlowton, continued...

The project was completed 11/19/76 with 94% of the allotted contrac time used. Final Estimate and Supporting Data was submitted to the Division Office on or about 3/7/77 and will be submitted to the Construction Bureau 4/15/77.

ER 72 (15) Armells Creek Slide
Length: 0.05 Miles
Grade, Channel Change, and Riprap
Fergus County
Contract Awarded: 8/30/76
Bid Price: $143,208.10

Rehbein Contracting, Inc.
Plains, Montana
Martin C. VanMil
Field Project Manager
Lewistown, Montana
Telephone: 538-8732
Contract Time: 40 Working Days
Prob. Compl. Date: 5/1/77

No work has been done on the project during the past reporting period. Completion of seeding and fertilizing operations will be done when weather conditions permit. The project as a whole is 99% complete with 97.4% of the contract time elapsed. The engineering crew has been assigned to other projects.

U-RF 103 (15) Lewistown-North
Length: 2.7 Miles
Grading, Aggregate Surface, Plant Mix
Bituminous Surfacing, Sewer Installation
Signing, Lighting, and a 40.0 Prestressed
Concrete Bridge over Spring Creek
Contract Let: 4/1/76
Bid Price: $1,820,322.90
Work Started: 5/24/76

Washington Construction Co.
P. O. Box 1502
Missoula, Montana
Carl W. Park
Field Project Manager (Road)
Dale E. DeVore
Field Project Manager (Bridge)
Lewistown, Montana
Telephone: 538-8732
Contract Time: 160 Working Days
Prob. Compl. Date: 6/1/77

Project is on winter shutdown with no work being accomplished during this period. Items remaining to be completed are: seeding, fencing, signing, installation of two 50-foot sections of curb and sidewalk, and final cleanup of project. The project is 96% complete with 75% of the contract working days expended. Construction layout is 100% complete with engineering personnel presently engaged on location survey on RF 235 (38) Stanford-Geyser Project.

RF 138 (8) Roundup-North
Length: 6.2 Miles
Grade, Gravel, Plant Mix Surfacing, Bridge
Contract Awarded: 5/24/76
Work Started: 7/1/76
Contract Amount: $2,033,972.96

Zook Brothers Construction Co.
Great Falls, Montana
Robert A. Passow, S.E.T.
Field Project Manager (Road)
Albert G. Reather
Field Project Manager (Bridge)
Roundup, Montana
Telephone: 323-2040
Contract Time: 180 Working Days
Prob. Compl. Date: 9/15/77

continued...

RF 138 (8) Roundup-North, continued...

Work done during this reporting period consisted of seeding and fencing. 6.103 acres of Area #2 was seeded using 146.48 lbs. seed, 610.3 lbs. of fertilizing, and 6.103 acres of Mulch-Wood Cellulose Fiber. 203.6 rods of F4W farm fence, 13' of Farm Gate-Wire Type 2, 5-Farm Fence-Panel/Single FW, 3-Corners Panel and 15 Deadman was constructed. 73% of the project is complete with 55% of the contract time elapsed. The engineering crew has been assigned to other projects.

RS 71 (6) Ryegate-South
Gravel, Plant Mix Base, and Stripe
Contract Awarded: 4/29/76
Contract Amount: $424,429.54
Work Started: 5/20/76

R. J. Studer & Sons Construction
P. O. Box 20204
Billings, Montana
Martin C. VanMil
Field Project Manager
Lewistown, Montana
Telephone: 538-8732
Contract Time: 90 Working Days
Completion Date: 10/26/76

The Final Estimate and Supporting Data was submitted to the Construction Bureau 3/24/77. This will be the last report for this project.

RS 444 (3) Utica-Windham
Length: 10.7 Miles
Grade, Gravel, Plant Mix Base
Contract Awarded: 5/28/76
Contract Amount: $1,874,234.66
Work Started: 8/5/76

Hilde Construction Co. and
Maronick Construction Co. (JV)
East Helena, Montana
Bruce H. Barrett
Field Project Manager
Hobson, Montana
Telephone: 423-5327
Contract Time: 180 Working Days
Prob. Compl. Date: 9/15/77

Progress the past reporting period has been poor due to inclement weather. Swan and Son, Inc. completed the hydro-seeding with exception of the Sage Creek channel changes on 3/23/77. The prime contractor began returning to the project on 3/28/77 and plans to commence cleanup and C.B.C. crushing operations on or about 4/4/77. The contract remains at 57% complete with 54% of the contract time elapsed. Construction layout remains 88% complete with 2-7 engineering personnel assigned to the project.

RS 450 (3) Denton-North
6.4 Miles Grading, Aggregate Surfacing, Plant Mix Surfacing, Drain, Seal and Cover, Signing, and Construct an 85.0 Prestressed Concrete Bridge
Fergus County
Contract Awarded: 3/31/76
Contract Amount: $1,001,089.52
Work Started: 4/19/76

Zook Brothers Construction Co.
P. O. Box 2025
Great Falls, Montana
Ross M. Johnson
Field Project Manager (Road)
Dale E. DeVore
Field Project Manager (Bridge)
Lewistown, Montana
Telephone: 538-8732
Contract Time: 175 Working Days
Prob. Compl. Date: 7/1/77

continued...

RS 450 (3) Denton-North, continued...

No work was done on this project the past reporting period. The contractor moved off the project until spring when weather limitations will permit Chip and Seal operations. The project as a whole is 92% complete with 60% of the contract time elapsed. 4-5 men are checking on final quantities and summaries.

SMP 1499-76 Maintenance Stockpiles on Various Roads
Fergus, Judith Basin, Musselshell Petroleum, and Rosebud Counties
Contract Awarded: 11/19/76
Bid Price: $165,960.00

Empire Sand & Gravel Co., Inc.
Billings, Montana
Martin C. VanMil
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

The sub-contractor, Wickens Brothers, began work on 3/23/77. Work consisted of setting up a crusher plant and stripping the pit site of overburden. The storm of 3/28/77 through 3/30/77 shut down the contractor's operations. The project is 0% complete with 50.8% of the contract time elapsed.

ROS 4144 52 Unit 4 and Unit 13 - Roundup
Guardrail Installation
Contract Let: 2/28/77
Contract Awarded: 2/28/77
Contract Amount: $25,223.00
Work Not Started

Frank Gurney, Inc., & Subsidiary
Spokane, Washington
Robert A. Passow, S.E.T.
Field Project Manager
Roundup, Montana
Telephone: 323-2040
Contract Time: 30 Working Days
Prob. Compl. Date: 6/15/77

No work to date on this project.

Respectfully submitted,

R.W. Freeman, P.E., Supervisor
Division Construction Section
Lewistown

RWF/JHP/ljl

DIRECT PARTICIPATION

FEDERAL HIGHWAY ADMINISTRATION

FEBRUARY 8, 1977

MONTHLY PROGRESS REPORT
DIRECT FEDERAL CONSTRUCTION
MONTANA

February 8, 1977

Project	Location	Length	Type Work	Percent Time Used	% Work Completed and Estimated Completion Date	Contractor and Contract Amount
[illegible] 2(3)	Big Horn Canyon National Recreation Area	9.65	Grading, PMS	52	40 OCT. 1977	R. J. Studer & Sons $2,759,751.00